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DISCO BEET
71 DETROIT DARK RED
See page 4



DISCO BEANS
22 PENCIL POD BLACK WAX
See page 3



DISCO CARROTS
161 DISCO DANVERS
HALF LONG
See page 5

Disco **SEEDS**

for FARM and GARDEN
*Thirty-second Annual
Spring 1939*

DISCO SWEET CORN
232 HYBRID GOLDEN
BANTAM
See page 6



DISCO RADISH
492 SCARLET GLOBE
See page 12



TOMATO
592 NEW FIRESTEEL
See page 14

**One Packet Each of
These Six Varieties
35c Postpaid**

DAKOTA IMPROVED SEED COMPANY
MITCHELL, SOUTH DAKOTA

Super Value Seed Collections

GROW YOUR OWN VEGETABLES

Judging by the numerous orders which we received the past two springs for our collections, we know that this method of merchandising seeds appeals to a great number of our customers. The seeds used in these collections are the finest not only in regard to germination, but also trueness of type, and we know that the collection you order will give you the results you expect.

75¢ Value for 50¢ Postpaid

1 Pkt. Beans, Golden Wax.....	\$0.05	1 Pkt. Onion, Assorted Varieties.....	\$0.05
1 Pkt. Beet, Detroit Dark Red.....	.05	1 Pkt. Peas, American Wonder.....	.05
1 Pkt. Cabbage, Danish Ballhead.....	.05	1 Pkt. Parsnip, Hollow Crown.....	.05
1 Pkt. Carrot, Chantenay.....	.05	1 Pkt. Radish, Scarlet Globe.....	.05
1 Pkt. Sweet Corn, Golden Bantam.....	.05	1 Pkt. Spinach, Bloomsdale.....	.05
1 Pkt. Cucumber, National Pickling.....	.05	1 Pkt. Squash, Improved Hubbard.....	.05
1 Pkt. Cucumber, Straight Eight.....	.05	1 Pkt. Turnip, Purple Top White Globe.....	.05
1 Pkt. Lettuce, Grand Rapids.....	.05		
			<hr/> \$0.75

Disco 32nd Anniversary Special Dollar Collection

Regular \$1.50 Value for \$1.00 Postpaid

1/2 Lb. Beans, Golden Wax.....	1.....	\$0.15
1 Pkt. Beet, Detroit Dark Red.....	2.....	.05
1 Pkt. Cabbage, Copenhagen Market.....	3.....	.05
1 Pkt. Cabbage, Danish Ballhead.....	4.....	.05
1 Oz. Carrot, Chantenay.....	5.....	.10
1/2 Lb. Sweet Corn, Golden Bantam.....	6.....	.15
1/2 Lb. Sweet Corn, Hybrid Golden Bantam.....	7.....	.20
1 Pkt. Cucumber, National Pickling.....	8.....	.05
1 Pkt. Cucumber, Straight Eight.....	9.....	.05
1 Pkt. Lettuce, Grand Rapids.....	10.....	.05
1 Pkt. Muskmelon, Milwaukee Market.....	11.....	.05
1 Pkt. Watermelon, Fordhook Early.....	12.....	.05
1 Pkt. Onion, Assorted Varieties.....	13.....	.05
1/2 Lb. Peas, Little Marvel.....	14.....	.15
1 Pkt. Parsnip, Hollow Crown.....	15.....	.05
1 Pkt. Radish, Scarlet Globe.....	16.....	.05
1 Pkt. Spinach, Bloomsdale.....	17.....	.05
1 Pkt. Squash, Improved Hubbard.....	18.....	.05
1 Pkt. Tomato, Bison.....	19.....	.05
1 Pkt. Turnip, Purple Top White Globe.....	20.....	.05
		<hr/>
Twenty Different Vegetables.....		\$1.50

\$3.00 Value for \$2.00 Postpaid

1 Lb. Beans, Golden Wax.....	\$0.25	1 Oz. Muskmelon, Milwaukee Market.....	\$0.10
1 Lb. Beans, Disco Stringless Green Pod.....	.25	1 Oz. Watermelon, Fordhook Early.....	.10
1 Oz. Beet, Detroit Dark Red.....	.10	1 Oz. Onion, Sweet Spanish.....	.20
1 Pkt. Cabbage, Copenhagen Market.....	.05	1 Lb. Peas, Little Marvel.....	.25
1 Pkt. Cabbage, Danish Ballhead.....	.05	1 Oz. Parsnip, Hollow Crown.....	.10
1 Oz. Carrot, Chantenay.....	.10	1 Oz. Radish, Scarlet Globe.....	.10
1 Lb. Sweet Corn, Golden Bantam.....	.25	1 Oz. Pumpkin, Sweet Sugar.....	.10
1 Lb. Sweet Corn, Hybrid Golden Bantam...	.35	1 Oz. Spinach, Bloomsdale.....	.10
1 Oz. Cucumber, National Pickling.....	.10	1 Oz. Squash, Improved Hubbard.....	.10
1 Oz. Cucumber, Straight Eight.....	.10	1 Pkt. Tomato, Bison.....	.05
1 Oz. Lettuce, Grand Rapids.....	.10	1 Oz. Turnip, Purple Top White Globe.....	.10
			<hr/>
			\$3.00

The three collections enumerated on this page are suitable for small, medium, or fairly large sized family gardens. These well-known standard varieties which, with a little good luck and some attention, produce an abundance of vegetables which will be fresh and palatable, superior to the grade of vegetables which are usually purchased from the stores. "Hoe your own."

Packed Ready for Mailing, No Changes Can Be Made—Order Today!



Our Seed House and General Office, Mitchell, South Dakota

PREMIUMS

For several years it has been a great pleasure to us to distribute free to our customers, as a tangible evidence of our appreciation of their patronage, thousands of Hardy Chinese Elm Trees and thousands of beautiful, hardy Iris. We believe in so doing we have made a distinct contribution to the improvement of the homes of our customers. The many grateful letters and personal thanks we have received bear eloquent testimony to this fact.

This year we are substituting Darwin Tulips for Iris, the reason being that our Mr. Richard Burn has for some years enjoyed immensely the wondrous beauty of these charming flowers in his own garden in the spring of the year, and he is anxious that our customers may share with him this uplifting and inspiring enjoyment.

We could possibly at less cost to ourselves offer a few dollars in prizes in a so-called contest which usually is nothing short of a gamble. We feel, however, that our policy of giving premiums based on the amount purchased is in harmony with the current philosophy of "the greatest good to the greatest number."

Assuring you of our appreciation of your business, I am,
Your very truly,

RICHARD BURN

For Details of Our Free Offers See Page 2 of Catalogue

*Especially
Equipped for
Drying Seed Corn*



MEMBERS
American Seed Trade Association
Western Seedmen's Association
South Dakota Seedmen's Ass'n
South Dakota Crop Improvement Association



RICHARD BURN

BANK REFERENCES

Mitchell National Bank,
Mitchell, South Dakota
The Central Savings Bank and
Trust Company,
Emmetsburg, Iowa
First National Bank and Trust
Company, Minneapolis, Minn.

**POSTAGE PAID ON ALL
VEGETABLE AND FLOWER
SEEDS UNLESS OTHERWISE
STATED. ORDERS FOR AL-
FALFA, CORN, GRASSES AND
EVERYTHING ELSE LISTED
IN OUR BOOK IF REQUIRED
BY PARCEL POST MUST
HAVE POSTAGE ADDED.**

**THE DAKOTA IMPROVED
SEED COMPANY GIVES NO
WARRANTY, EXPRESS OR
IMPLIED, AS TO DESCRI-
PTION, QUALITY, PRODUC-
TIVENESS OR ANY OTHER
MATTER OF ANY SEEDS IT
SELLS AND WILL NOT BE
RESPONSIBLE FOR THE
CROP.**

*Our Emmetsburg, Iowa, Seed
House Serves Northern Iowa and
Southern Minnesota*

Beautiful Chinese Elm or Tulips

« « « « « Absolutely Free! » » » » »



BEFORE PLANTING

This is the home of our President, Mr. Richard Burn, before any trees were planted around it.



FOUR YEARS AFTER PLANTING

Same home four years later. Showing what a difference Chinese Elms can make when planted around the home.



The above is a picture showing a few of Mr. Burn's Darwin Tulips in bloom. To get some idea of the actual colors of these beautiful tulips see back cover of catalog.

With every \$2.00 order for Vegetable and Flower Seeds or \$10.00 orders for Field Seeds, Seed Corn, etc. (excepting Grain), selected from this catalog at retail prices, we are giving away

Ten Chinese Elm Seedlings (delivered in spring, postpaid.)

These Chinese Elm seedlings were all raised by us from seed saved from our own trees here at Mitchell. They are consequently hardy and very drouth resistant. We have thousands on hand, but we ask you to get your orders in early, as we expect our stock to be depleted before the season is finished.

or

Six Darwin Tulip Bulbs (delivered in fall, 1939)

Imported by us direct from Holland. These Tulip Bulbs will give you surprise after surprise as they bloom next spring, they being mixed colors. Plant them as soon as received. Plant them deep, say about three inches. No limit to how many you can earn.

You Must Act Promptly
Be sure to write your choice on Order Blank.

CHINESE ELMS

The stock of Chinese Elm Trees we offer are all grown from seed picked from our own trees here at Mitchell, where we have a variation of temperature from 30 degrees below zero in winter to 112 degrees in the shade in summer. These trees are all raised under dry land conditions and are impervious to drought, heat, or cold.

Chinese Elms do well in almost any kind of soil, and make the most rapid growth of any quick growing tree we know of. They are the best adapted tree to use for a windbreak, not only on account of their rapid growth, but also because of the wonderful results they give even if they are not given any attention.

PRICES ON CHINESE ELMS

Seedling Stock	Per 50	Per 100	Per 500	Per 1,000
6-12 in.		\$1.00	\$ 3.50	\$ 5.00
12-18 in.	\$.75	1.25	5.50	7.75
18-24 in.	1.25	1.75	6.50	9.75
2-3 ft.	1.75	2.50	9.75	15.75
3-4 ft.	3.00	5.50	20.00	36.00

These reduced prices are good till our present stocks are sold out. F.O.B. Mitchell, South Dakota, and Emmetsburg, Iowa.

DISCO VEGETABLE SEEDS

We have given a great deal of thought in compiling the following list of Garden Seeds, and rather than bore you by asking you to read through a long list of the different varieties, we have catalogued the varieties which through trial and our observation are deserving of being listed. We assure you that each variety is represented by seed of high germination and trueness to type, and that all are adapted to your section of the country. Furthermore, a trial order will convince you that our seeds are just what we say they are. May we suggest one of our Collections? See inside cover page. Thank you.

DISCO ASPARAGUS

One of the earlier and most easily grown spring vegetables. Delicious served hot. Wonderful in cold salads. Very healthful. Start a bed this year.
12 MARTHA WASHINGTON—A prolific, rust-resistant strain of one of the earliest spring vegetables. The plants form large shoots with closely folded tips. The stalks can be cut the second year.



Martha Washington

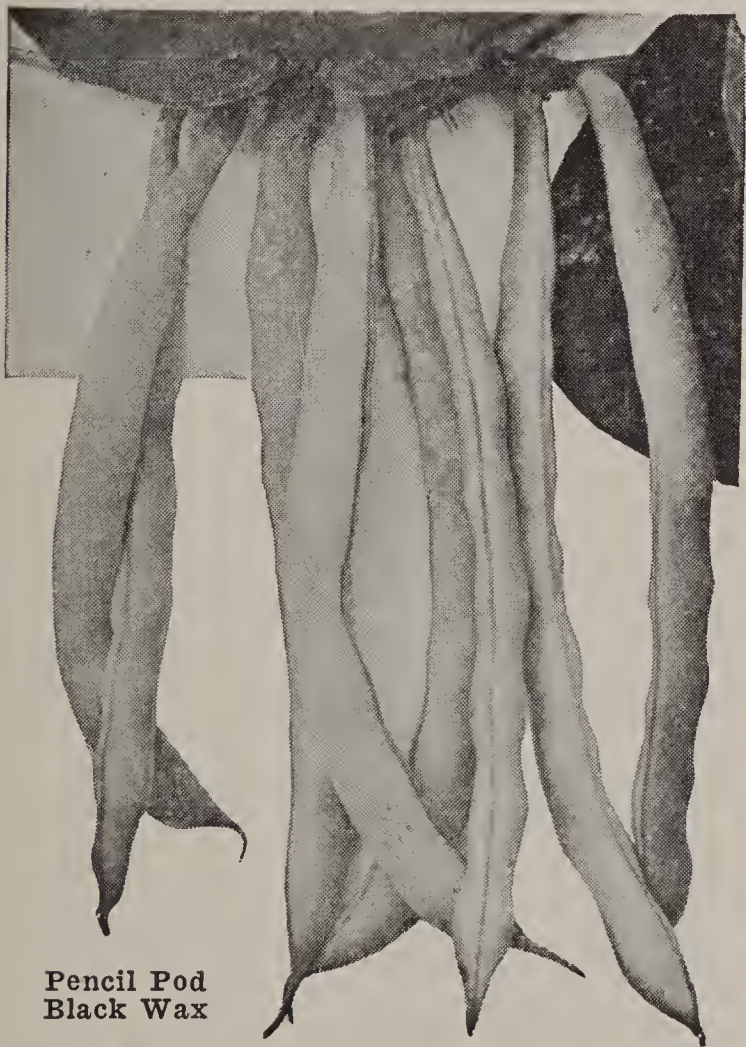
DISCO BEANS

**Everybody
Likes
Beans!**

Bean Soup, Baked Beans, Bean Salad.
Green and Wax Beans for hot vegetable.
Plant some of each kind—have a variety.
Can or dry your winter's supply.

DWARF BUSH VARIETIES

- 20 GOLDEN WAX IMPROVED**—Early, rust-resistant, bears a heavy crop of stringless, brittle, fleshy beans, pods about 8 inches long.
21 DISCO KIDNEY WAXPOD—A yellow podded bean, 6 to 8 inches long, stringless and brittle.
22 PENCIL POD BLACK WAX—The best of the dwarf wax varieties, its plants bear generously for a long period, yellow, stringless, brittle 5½ to 7 inch pods which are unexcelled in quality.



Pencil Pod
Black Wax

- 23 DAVIS WHITE KIDNEY WAX**—The pods are light yellow, about 7 inches long, tender when young, but become somewhat fibrous and stringy later in the season. **These white beans are excellent for baking.**
24 RED KIDNEY—Produced in broad, flat pods 6 to 7 inches long, used almost exclusively for baking and soup.
31 DISCO STRINGLESS GREENPOD—One of the most popular greenpod bush beans, the plants are large, producing thick, tender pods 5½ inches long.
32 BOUNTIFUL STRINGLESS—A hardy, early and prolific bearer of brittle, long light green pods.

POLE OR CLIMBING VARIETIES

- 42 KENTUCKY WONDER or OLD HOMESTEAD**—The favorite green pole bean, an excellent climber, and a heavy producer of fleshy, tender, brittle 9 to 10 inch pods, which grow in clusters.
43 KENTUCKY WONDER WAX—An all-season bean, having thick, almost straight 8 to 9 inch light yellow, brittle stringless pods of good flavor.

Please Use Order Sheet at Back of Book

POSTPAID PRICES

DISCO ASPARAGUS

	Pkt.	Oz.	¼ Lb.	Lb.
12 Martha Washington....	.05	.10	.25	.75

DISCO BEANS

	Pkt.	½ Lb.	Lb.	3 Lb.	5 Lb.
20 Golden Wax Improved	.05	.15	.25	.65	.90
21 Disco Kidney Waxpod	.05	.15	.25	.65	.90
22 Pencil Pod Black Wax	.05	.15	.25	.65	.90
23 Davis White Kid. Wax	.05	.15	.25	.65	.90
24 Red Kidney .....	.05	.15	.25	.65	.90
31 Disco Stringls Grnpd..	.05	.15	.25	.65	.90
32 Bountiful Stringless....	.05	.15	.25	.65	.90
42 Kentucky Wonder or Old Homestead .....	.05	.15	.25	.65	.90
43 Kent. Wonder Wax.....	.05	.15	.25	.65	.90

BEST SIX BEAN COLLECTION—Six Varieties for Price of Five.
Golden Wax Improved — Davis White Kidney Wax — Red Kidney
Disco Stringless Greenpod — Kentucky Wonder — Hopi Vining Lima.

6 5c packets **25¢**
One of each

6 ½-lb. bags **75¢**
One of each

DISCO LIMA BEANS

49 HOPI VINING—The results which this bean gave last year justified our placing it before the public in our catalog. It thrives in real hot weather and not only does it yield a good crop of beans but it may be used as a climber. The grasshoppers left it very much alone which was another thing in its favor. It was immune from rust and can be used either green or dry.

53 HENDERSON'S BUSH—This early, medium sized plant produces an abundance of 3 inch pods containing 3 to 4 beans. Its popularity for canning increases its value in a garden.

FIELD or SHELL BEANS—See page 27.

DISCO TABLE BEETS

71 DETROIT DARK RED—A symmetrical globe-shaped root, uniform in color. The flesh is fine grained, exceptionally sweet, and remains tender until the roots are full grown. It is recommended as the best beet for all purposes.

73 EARLY BLOOD TURNIP—This differs from Detroit Dark Red Beets in having top shaped roots, and the sweet, red flesh is ringed with pink. The tops are medium sized.

DISCO SUGAR BEETS OR HALF SUGAR MANGEL

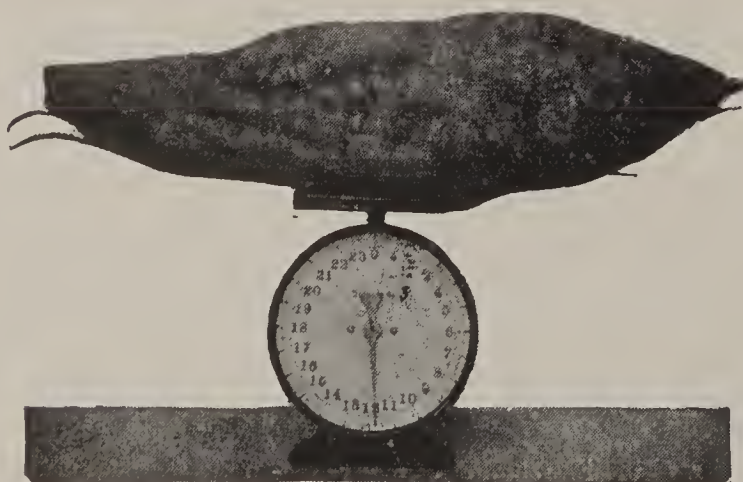
Mangels make a splendid winter feed for cattle, sheep, hogs, and poultry as they are high in feeding value, and increase the value of other feeds when fed in combination. They yield very well, are easily harvested, and may be stored and kept in good condition until spring.

Don't Forget to Treat with Semesan

SUGAR BEET

740 GIANT GREEN TOP WHITE—Rich in sugar, much relished by stock.

741 GIANT GREEN TOP ROSE—Similar in quality to Giant Green Top White.



Mangel, Mammoth Long Red

MANGEL WURZEL

730 GIANT YELLOW INTERMEDIATE GATEPOST—Very large, and nutritious for stock.

732 SELECT MAMMOTH or GIANT LONG RED—The largest of the Mangels, yielding from 30 to 50 tons per acre.

DISCO BRUSSELS SPROUTS

100 DALKEITH—The stalks are clustered about by from 50 to 100 buds, 1¼ to 1½ inches in diameter. While a member of the Cabbage family, the flavor is more delicate than that of Cabbage. It matures best in Autumn, and is available after most other green vegetables are out of season.



Danish Ballhead

DISCO CABBAGE

110 DISCO ALPHA—The most desirable variety for first planting. The small heart shaped heads are very solid.

111 EARLY JERSEY WAKEFIELD—The most widely known and popular of the conical shaped Cabbages. An early variety, the heads are hard, small, and compact, about 8 inches long, 5 inches near the base, weigh from 2 to 2¼ pounds.

112 EARLY WINNIGSTADT—The heart shaped heads of this early, hardy variety average 5 pounds. Particularly valuable for shipping, as well as for home use. Its dark green leaves are very resistant to cold, wet weather and insects.

113 COPENHAGEN MARKET—The largest producer of Cabbage per acre, heads average 3½ to 4 pounds, and are round, compact, of excellent quality, the interior being a clear white. Especially satisfactory for kraut and for early marketing.

POSTPAID PRICES

BEANS—Cont.		Pkt.	½ Lb.	Lb.	3 Lb.	5 Lb.
49	Hopi Vining Lima.....	.05	.15	.25	.65	.90
53	Henderson's Bu. Lima	.05	.15	.25	.65	.90
DISCO TABLE BEETS		Pkt.	Oz.	¼ Lb.		
71	Detroit Dark Red .....		.05	.10	.20	
73	Early Blood Turnip.....		.05	.10	.20	
DISCO SUGAR BEETS OR HALF SUGAR MANGEL			Oz.	¼ Lb.	½ Lb.	Lb.
740	Giant Green Top White.....		.10	.15	.25	.40
741	Giant Green Top Rose.....		.10	.15	.25	.40
MANGEL WURZEL						
730	Giant Yellow Intermediate Gatepost .....		.10	.15	.25	.40
732	Select Mammoth or Giant Long Red .....		.10	.15	.25	.40
DISCO BRUSSELS SPROUTS		Pkt.	Oz.			
100	Dalkeith .....		.05	.20		
DISCO CABBAGE		Pkt.	Oz.	¼ Lb.		
110	Disco Alpha .....		.05	.20	.60	
111	Early Jersey Wakefield.....		.05	.15	.50	
112	Early Winnigstadt .....		.05	.15	.50	
113	Copenhagen Market .....		.05	.15	.55	

There Are No Finer Cabbage and Carrots Than These

CABBAGE (Continued)

- 115 **FLAT DUTCH**—An unusually hardy variety which may be left later in the ground than most Cabbage. The heads are large, flattened on top, and firm.
- 116 **DANISH BALLHEAD**—The best late Cabbage since it will keep perfectly in storage until late spring, is firm, solid and tender. The 7 to 8 pound heads are excellent for boiling or cold slaw.
- 118 **GOLDEN ACRE**—Of the round or ballhead type this is the best early Cabbage for both home and market use. The uniform, tightly folded heads weigh about 3 pounds.
- 130 **RED DUTCH DWARF**—A pickling variety which may be planted early, producing a medium sized round head.
- 140 **SAVOY DWARF GREEN CURLED**—The curled outer leaves inclose a quite green and solid heart. It will stand 20 degrees of frost, and remain without harm for a long time on the ground.
- 150 **CHINESE (PE TSAI) CELERY CABBAGE**—Resembles Cos Lettuce, but has a decided Cabbage flavor.

DISCO CARROTS

- 160 **CHANTENAY**—A popular early type, as well as being grown extensively for winter storage. The roots measure 5½ to 7 inches, tapering towards the bottom to become stump rooted. Tender, fine, sweet flesh, rich orange in color.
- 161 **DANVERS HALF LONG**—A favorite main crop or late Carrot. Similar to Chantenay in appearance, excellently flavored.
- 162 **EARLY SCARLET HORN**—An attractive early type for home and market use. The blunt roots are 3 by 1½ inches, and have small tops. Tender, crisp, and fine grained.
- 163 **OXHEART or GUERANDE**—An excellent second early sort for home use or stock feed. Heart shaped, 4½ to 5 inches long, bright orange, easily harvested, keeps well, and has a delicate and sweet flavor.
- 165 **DISCO CORELESS**—Our most deliciously flavored Carrot, it is also free of woody heart and core. Handsomely colored a deep orange hue, it grows about 6 inches long, 1½ inches in diameter. Its superior quality merits its wide use.



Disco Coreless Carrot

164 **ST. VALERY LONG RED**—Suitable for field culture, a good winter keeper. Roots 10 to 12 inches long, smooth, bright red in color, flesh tender and sweet.

166 **NANTES CORELESS HALF LONG**—They have a distinct flavor and tenderness all their own. Excellent for home or market garden use. Very attractive. Makes a splendid bunching carrot, cylindrical, blunt-ended. Very small tap root. Six inches long and 1½ inches thick. Skin and flesh bright orange-red.

FIELD CARROTS

751 **LONG RED SURREY**—Suitable for table use, and recommended for stock when fed with corn and fodder. A heavy yielder with very little core.

Something New

1939 A.A.A. PROGRAM

Encourages larger home gardens by excepting from soil-depleting acreage ground planted to annual or perennial vegetable crops and potatoes, when grown in home gardens for use on the farm. Farmers, take advantage of this new feature.

PLANT more vegetables
GROW more vegetables
EAT more vegetables
CAN more vegetables

DISCO CAULIFLOWER

171 **EARLY SNOWBALL, EXTRA SELECTED**—The solid, snow-white heads, superb in quality, weigh about 2 pounds. A good keeper. One of the best for the Northwest.

DISCO CELERY

180 **GIANT PASCAL**—Very desirable for home and market garden. The stalks are about two feet high, thick, brittle and stringless. Being a late variety it is a fine winter keeper. The flavor is delicious.

POSTPAID PRICES

CABBAGE—Continued	Pkt.	Oz.	¼lb.
115 Flat Dutch .....	.05	.15	.50
116 Danish Ballhead .....	.05	.20	.60
118 Golden Acre .....	.05	.20	.60
130 Red Dutch Dwarf.....	.05	.15	.55
140 Savoy Dwarf Green Curled.....	.05	.15	.55
150 Chinese (Pe Tsai)....	.05	.15	.50
DISCO CARROTS	Pkt.	Oz.	¼Lb.
160 Chantenay .....	.05	.10	.20
161 Danvers Half Long.....	.05	.10	.20
162 Early Scarlet Horn.....	.05	.10	.20
163 Oxheart or Guernande.....	.05	.10	.20
165 Disco Coreless .....	.05	.10	.20
164 St. Valery Long Red.....	.05	.10	.20
166 Nantes Coreless Half Long.....	.05	.10	.20
DISCO FIELD CARROTS			
751 Long Red Surrey.....	.05	.10	.20
DISCO CAULIFLOWER		Pkt.	¼Oz.
171 Early Snowball .....		.10	.45
DISCO CELERY		Pkt.	½Oz.
180 Giant Pascal .....		.05	.15

Home Grown Sweet Corn Has Better Flavor

DISCO SWEET CORN

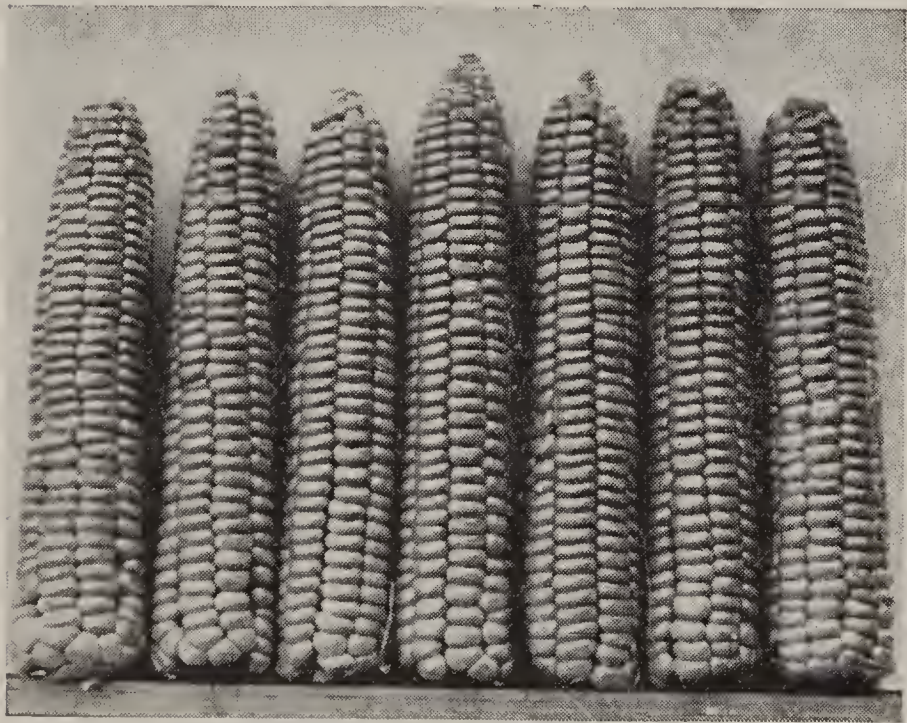
Sweet Corn is far superior in flavor and quality to Field Corn. You will enjoy a real treat at little extra expense when you plant one or several varieties of Disco Sweet Corn.

Treat Sweet Corn with Semesan, Jr.

YELLOW VARIETIES

232 HYBRID GOLDEN BANTAM—The most profitable and most desirable sweet corn because it has the flavor of ordinary Golden Bantam, together with the further advantage that it will outyield it two or three times. It is larger and matures about a week later than Golden Bantam. Our strain is secured from the original Purdue Agricultural Experiment Station. If you haven't tried Hybrid Golden Bantam we suggest that you do, as the increased yield will more than compensate for the slightly higher price of the seed. As this hybrid will mature practically all at one time we recommend planting at intervals.

220 BLENDS OF 8 ROW HYBRIDS OF GOLDEN BANTAM—It has been very aptly said by a great philosopher "What is one man's meat may be another man's poison." This has been proved true in a sense in the case of these wonderful new Hybrid Sweet Corns that scientific plant breeding has given to the world. The ears are ready to pick all at one time, which is a very decided advantage to the commercial grower but a "headache" to the home gardener. We have overcome this by the Introduction of our "8-Row Hybrid Blends." The advantage of these blends over straight hybrids lies in the longer picking period of edible ears. The same vigor, yield, and improved quality, but a widespread of maturity. Just what you have been looking for.



Blends of 8 Row Hybrids of Golden Bantam

219 GOLDEN GEM—The earliest corn known, it has dwarf stalks which produce usually 2 ears 6 to 8 inches long, with 8 to 10 rows of tender, fine flavored kernels.

SPECIAL PRICES GIVEN TO MARKET GARDENERS and others who use large quantities of Garden Seeds. Please write us if interested in Quantity Prices.

221 GOLDEN BANTAM—For many years Golden Bantam has been acclaimed the best sweet corn, and it is now the largest selling variety, primarily because of its delicious flavor unequalled by any other sweet corn, and its tender, deep kernels. The ears are from 6 to 8 inches long and 8 rowed.

224 WHIPPLE'S EARLY YELLOW—Similar in quality to Golden Bantam, it is earlier and larger, often having 14 to 18 rows of excellent flavored kernels on 9 inch ears. Its use is increasing every year as it is proving very profitable for market purposes.

231 BANTAM EVERGREEN—When Golden Bantam and Stowell's Evergreen are crossed the result is Bantam Evergreen, an outstanding medium, late variety with large ears, sweet golden kernels.

235 SUNSHINE—The nearest approach in quality to Golden Bantam, is 10 days earlier, and also larger.

WHITE VARIETIES

222 DISCO FIRST AND BEST—For an early white corn we highly recommend this. The long ears have from 8 to 10 rows of large white kernels. A large producer, used for both home and market gardens.

223 EARLY MAMMOTH WHITE CORY—One of the earliest and best of all extra early sweet corn. Ears 10 to 12-rowed; 7 to 8 inches long; very sweet, tender and white.

228 COUNTRY GENTLEMAN—A heavy yielding late variety, distinguished by its irregular rows of kernels which are sweet and tender.

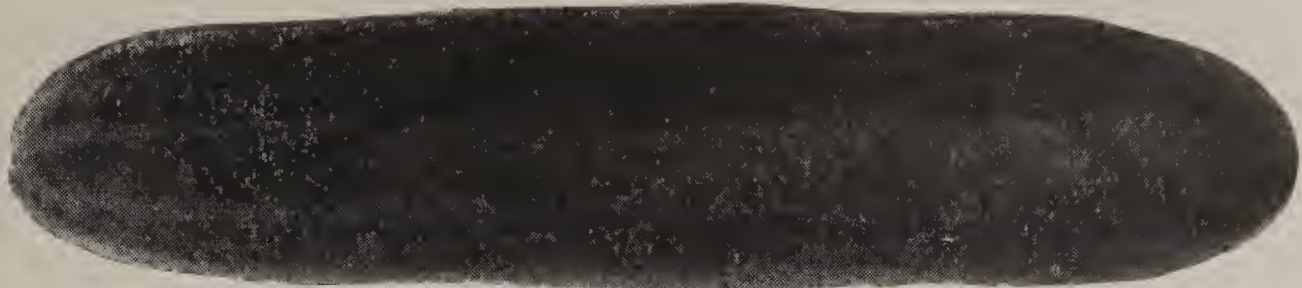
229 STOWELL'S EVERGREEN—Its superior quality has made this a standard late variety for gardeners everywhere, and is the white sweet corn in greatest demand. The ears are 8 inches long, 14 to 20 rowed, with deep white kernels, sweet and tender. Since it is very productive and remains in table condition for a long time it is valuable for canning and market use.

POSTPAID PRICES					
DISCO SWEET CORN—Yellow					
	Pkt.	1/2 Lb.	Lb.	3 Lbs.	5 Lbs.
232 Hybrid Golden Ban.	.10	.20	.35	.90	1.45
220 Blends of 8 Row Hybrids of G. Ban.	.10	.20	.35	.90	1.45
219 Golden Gem	.05	.15	.25	.60	.95
221 Golden Bantam	.05	.15	.25	.60	.95
224 Whipple's E. Yel.	.05	.15	.25	.60	.95
231 Bantam Evergreen	.05	.15	.25	.60	.95
235 Sunshine	.05	.15	.25	.60	.95
DISCO SWEET CORN—White					
	Pkt.	1/2 Lb.	Lb.	3 Lbs.	5 Lbs.
222 Disco First and Best	.05	.15	.25	.60	.95
223 Early Mammoth White Cory	.05	.15	.25	.60	.95
228 Country Gentleman	.05	.15	.25	.60	.95
229 Stowell's Evergreen	.05	.15	.25	.60	.95

BEST SIX SWEET CORN COLLECTION—Six Varieties for Price of Five.
Golden Gem—Golden Bantam—Sunshine—Bantam Evergreen
Country Gentleman—Stowell's Evergreen

6 5c packets 25¢ 6 1/2-lb. bags 75¢
One of each One of each

Why Not Grow Straight Eight Cucumbers This Year?



Straight Eight Cucumber

DISCO CUCUMBERS

Cucumbers have probably been in use for thousands of years, and are one of the first vegetables in known cultivation. White spine refers to the color of the spine and indicates a white color at maturity, while black spine indicates that the cucumber will be yellow when mature.

- 239 EARLIEST OF ALL (White Spine)—A dark green, prolific type, about 7½ by 2½ inches. A good variety for shipping.
- 240 EXTRA EARLY RUSSIAN (Black Spine)—The earliest and smallest cucumber we offer, measuring about 5 by 2½ inches. Used mainly for pickling. The vines are hardy and productive.
- 241 EARLY FORTUNE (White Spine)—Especially recommended for shipping. It holds its attractive green color very well, is productive, good for slicing, measure about 8 by 2½ inches.
- 242 CHICAGO PICKLING (Black Spine)—The favorite pickling variety for home and factory. An early, small variety, tapering slightly at the ends, uniform in size and shape, 6 inches by 2½ inches. Unusually productive, disease resistant, crisp and good flavored.
- 244 EXTRA LONG WHITE SPINE (White Spine)—An excellent midseason cucumber that measures from 11 to 12 inches in length. The dark green color holds well.
- 247 LONG GREEN IMPROVED (Black Spine)—A medium late variety, dark green, slender and straight, 12 to 14 inches long. The standard cucumber for pickling and slicing.

DISCO POP CORN

- 234 HYBRID JAPANESE HULLESS MINHYBRID 250—This variety has measured up in every respect to the claims which we made for it, in spite of the fact that 1938 was not a very good corn year in some sections. The fields yielded well, and were practically free of smut. Several of our customers have already told us that this is the Pop Corn they are going to use in the future. We earnestly request you to give this Pop Corn a trial and we know you will not be disappointed.
- 233 JAPANESE WHITE HULLESS—A dwarf variety with thick, short ears, 3 to 4 inches long, popped kernels exceedingly tender, finest quality, free of hard centers and hulls. It is the best white variety, and has displaced White Rice.
- 237 GOLDEN MAGIC (Yellow Pearl)—Similar to T. N. T., but superior because the kernels are deeper, the volume of popped corn to the pound is greater, and it is more tender and hullless than T. N. T.

DISCO HERBS

- 631 SWEET MARJORAM—Perennial. The tops and leaves are used green for flavoring, and may also be dried.
- 632 SUMMER SAVORY—Annual. The dried stems, leaves and flowers are used.
- 633 SAGE—Perennial. The leaves and tender shoots should be cut just before the plant is coming into flower.
- 642 DILL—Annual. Cultivated for its seeds which are used in soups, and particularly with cucumber pickles.

- 246 STRAIGHT EIGHT (White Spine)—There is no better cucumber grown than Straight Eight. As its name indicates, it grows very straight; a long slender fruit with a slight taper at each end. At the edible stage the length averages about eight inches and the color is an intense dark green. A smooth, medium early strain with considerable merit. Measure 9½ inches by 2¾ inches.
- 248 A & C SPECIAL (White Spine)—A very desirable market cucumber because of its uniform length and intense dark green color. It has become increasingly popular for all market purposes and is a vigorous, high yielding variety. The fruits taper at both ends and the seeding qualities are light because of the thick flesh. Measure 12 inches by 3 inches.
- 249 EARLY CLUSTER (Black Spine)—A popular small pickling variety, which may also be used for slicing.
- 250 NATIONAL PICKLING (Starr's) (Black Spine)—A recent introduction of the early pickling types; it has met with general favor for the critical trade, for this particular type of pickle. It was developed for the National Pickle Packers' Association and is a remarkably early, productive and uniform strain. The small pickles are rather short and thick, while the larger sizes are smooth and cylindrical, with well-rounded ends. The entire flesh of the fruits is uniformly thick thus preventing splitting in the center and hollow sides in the pickles. Measuring 7 inches by 3 inches.

DISCO EGG PLANT

- 251 NEW YORK IMPROVED PURPLE—Large plants producing from 4 to 6 fruits, 7 to 8 inches long. An excellent main crop variety.
- Treat with Semesan Before Planting

DISCO ENDIVE

- 272 WHITE CURLED—The fine curled, mossed light green leaves blanch easily. Their crispness and delicious flavor make them desirable for salads and garnishing.

POSTPAID PRICES						
DISCO POP CORN		1/2	1	3	5	
	Pkt.	Lb.	Lb.	Lbs.	Lbs.	
233	Jap. White Hulless....	.05	.15	.25	.60	.90
234	Hybrid No. 250.....	.10	.25	.40	1.15	1.75
237	Gold Magic05	.15	.25	.60	.90
DISCO CUCUMBER		Pkt.	Oz.	1/4 Lb.		
239	Earliest of All .....	.05	.10	.25	
240	Extra Early Russian.....	.05	.10	.25		
241	Early Fortune .....	.05	.10	.25	
242	Chicago Pickling .....	.05	.10	.25	
244	Extra Long White Spine.....	.05	.10	.25		
246	Straight Eight .....	.05	.10	.25	
247	Long Green Improved.....	.05	.10	.30		
248	A & C Special.....	.05	.10	.25		
249	Early Cluster .....	.05	.10	.30	
250	National Pickling .....	.05	.10	.25	
DISCO EGG PLANTS		Pkt.	Oz.			
251	New York Improved Purple.....	.05	.20			
DISCO ENDIVE		Pkt.	Oz.			
272	White Curled .....	.05	.15		
DISCO HERBS		Pkt.	Oz.			
631	Sweet Marjoram .....	.05	.25		
632	Summer Savory .....	.05	.25		
633	Sage .....	.05	.25		
642	Dill .....	.05	.10		

DISCO KALE

260 **DWARF GREEN CURLED SCOTCH**—A low-spreading plant, with finely curled, large parsley-like leaves used for greens and garnishing. Better after frost. A non-heading member of the cabbage family.

DISCO KOHL RABI

270 **EARLY WHITE VIENNA**—An early maturing light green bulb, white within. Grows above ground, is a member of the cabbage family, has a combination cabbage-turnip flavor, and is cooked like a turnip. When 2 inches in diameter it is at its best.

DISCO LEEK

290 **LARGE AMERICAN FLAG**—Superior, and milder in flavor than onions to which it is related, it is a substitute for green onions in the fall. The leaves are broad, the stems rather thick, and blanch very white. Used mainly for flavoring.

DISCO LETTUCE

CURLED or LOOSE LEAF VARIETIES



Grand Rapids

303 **GRAND RAPIDS**—Very early, hardy, and disease resistant, withstands high temperatures, does not wilt quickly after cutting, and is a good shipper. The large, light green heavily fringed leaves form a compact plant of crisp, sweet leaves. An important item for every garden.

308 **BLACK SEEDED SIMPSON**—Easily grown, especially recommended for spring and early summer use. The leaves are large yellowish green, fringed and crumpled. The inner leaves are almost white. Excellent flavor, and tender.

309 **PRIZEHEAD**—An early, rapid growing home garden variety. The bright green broad leaves are marked in bronze on the outer, frilled edges. The inner leaves are wholly green. An outstanding lettuce because of its fine quality.

HEAD LETTUCE

Generous rains and cool weather are essential for the satisfactory growth of head lettuce and Cos lettuce.

306 **WAY-A-HEAD**—A very early, sure-heading variety of superior quality. The inner leaves blanch a rich buttery yellow.

305 **TENNIS BALL**—A reliable sort, with broad, crumpled, light green leaves, suitable for late sowing.

Treat with Semesan Before Planting

COS LETTUCE

307 **PARIS WHITE COS**—The long, narrow crisp spoon-shaped green leaves are of excellent quality, heads compact and well blanched. Sometimes called Celery Lettuce because of its erect habit of growth.

DISCO MUSKMELONS

ORANGE or SALMON FLESHED VARIETIES



Honey Rock
All-America Selections—Gold Medal

315 **HONEY ROCK or SUGAR ROCK**—A round medium-sized, grayish green fruit, heavily netted, without ribs. It is a mid-season variety which has thick, sweet flesh, and is very productive, there being often from 5 to 7 melons on one vine.

316 **MILWAUKEE MARKET**—An ideal shipping and marketing variety. The slightly oval melons mature medium early, weighing from 5 to 6 pounds. They are light green, slightly ribbed and netted. The flesh is very sweet.

317 **HEARTS OF GOLD**—This rather small mid-season variety is round, and slightly ribbed and netted. The flesh is very thick, with a small seed cavity, is deliciously flavored, a good sort for shipping.

POSTPAID PRICES

DISCO KALE		Pkt.	Oz.		
260	Dwarf Green Curled Scotch.....	.05	.10		
DISCO KOHL RABI		Pkt.	Oz.		
270	Early White Vienna.....	.05	.15		
DISCO LEEK		Pkt.	Oz.		
290	Large American Flag.....	.05	.25		
DISCO LETTUCE		Pkt.	Oz.	¼ Lb.	
303	Grand Rapids .....	.05	.10	.25
308	Black Seeded Simpson.....	.05	.10	.25	
309	Prizehead .....	.05	.10	.25
306	Way-a-Head .....	.05	.10	.25
305	Tennis Ball .....	.05	.10	.25
307	Paris White Cos.....	.05	.10	.25	
DISCO MUSKMELONS					
	Pkt.	Oz.	¼ Lb.	½ Lb. 1 Lb.	
315	Honey Rock or Sugar Rock05	.10	.25	.45 .75
316	Milwaukee Market....	.05	.10	.25	.45 .75
317	Hearts of Gold.....	.05	.10	.25	.45 .75

A Very Comprehensive List of Muskmelons and Watermelons

- 318 **HALE'S BEST**—A very early melon, medium sized and oval, it is lightly ribbed, and heavily netted. The thick, fine quality flesh is sweet. It is one of the best for shipping.
- 319 **EMERALD GEM**—While this is not suitable for shipping, it is one of the best quality melons for home or nearby market use. It is small, globular, slightly flattened, deeply ribbed, lightly netted. The flesh is delicious.
- 325 **BANANA**—So called because its shape and the taste of its thick orange flesh resembles a banana. They are often from 15 to 20 inches long, smooth and slender, weigh about 6 pounds, and are lemon colored when they mature.

GREEN FLESHED

- 321 **HONEY DEW**—The best known of the winter melons, it will keep until Christmas time, and of course is excellent for shipping. It is one of the sweetest and most delicious melons grown. Oval in shape, medium sized, it has a smooth lemon tinted skin.
- 323 **MONTREAL GREEN NUTMEG**—Its distinctive feature is size, since it often weighs 18 or 20 pounds. Round, medium green, it is ribbed and netted.
- 326 **ROCKY FORD**—The most extensively used melon of its class because of its excellent quality. The very deep light green flesh is edible down to the thin rind. They are very solid and good for shipping. Slightly oval in shape, and rather small, finely netted and greenish gold when fully ripe.

Treat with Semesan

DISCO WATERMELONS

- 330 **CITRON, Colorado Preserving**—Early, oblong fruits, productive, green seeded. Excellent for preserves and candied fruits.
- 332 **COLE'S EARLY**—One of the earliest, nearly round, medium sized, dark green striped with lighter green. Deep pink flesh, excellent quality. Not recommended for shipping.
- 333 **PEERLESS or ICE CREAM**—A very early variety, short, oblong, light green skin, mottled with a darker shade. Very sweet bright scarlet flesh. Superior for home and market use.
- 334 **ROUND LIGHT ICING**—Nearly round, about 14 by 10 inches, greenish white with light green veins, flesh bright red. A delicious melon but not a good shipper.
- 335 **RED SEEDED HUTCHINSON**—Where there is a good there is always a "better." The better in this case is Red Seeded Hutchinson watermelon. This melon has everything that a good watermelon should have. It has rapidly gained wide popularity due to its size, as they weigh up to 40 pounds. It is remarkably early and has fine eating qualities. The outside color is dark green with alternate stripes of a lighter shade. The rind is of medium thickness, well suited for shipping. One of the newer melons which has won its popularity due to its excellent qualities.
- 336 **KLECKLEY'S SWEET**—A large, dark green oblong melon which matures early and has a very sweet bright red flesh. One of the most popular for early home and nearby market use.
- 337 **LONG LIGHT ICING**—An early, productive type of very fine quality. The fruits are large, oblong, with light green mottled skin, flesh deep red, splendid quality, but not suitable for shipping.
- 338 **GOLDEN HONEY**—A yellow fleshed melon, grows oblong with a dark green rind, with irregular stripes of darker green. A wonderful melon.
- 339 **HUNGARIAN HONEY**—A superb early variety, globe shaped, dark green mottled and veined with a darker shade, flesh red. Small brown seeds.

- 341 **ROUND DARK ICING**—Moderately early, medium sized, dark green, with bright red flesh.
- 342 **FORDHOOK EARLY**—An extra early variety of fair size, varying from round to oblong. Dark skinned, mottled with a darker shade. Flesh dark red. A noteworthy melon.
- 343 **PRIDE OF MUSCATINE**—Especially wilt resistant, a good shipper. Long, dark green, sweet and tender. It increases in popularity every year.
- 344 **SWEETHEART**—A very fine large shipping melon. Bright red sweet flesh.
- 345 **STONE MOUNTAIN**—A very large, nearly round high quality melon. Its tough rind makes it one of the most satisfactory shipping melons. Very prolific. The rich scarlet flesh has few seeds



Stone Mountain Watermelon

WINTER WATERMELON

- 347 **KING AND QUEEN**—Adapted to all sections of the country. Fruits of medium size, round and pale yellow when ripe. Flesh is bright red and sweet as honey. A heavy producer and a good keeper. Black seeds. Fruits harvested from field before frost and stored in a cool cellar will usually keep until Christmas.

DISCO OKRA or GUMBO

- 357 **LONG WHITE VELVET**—Plants grow to a height of 3½ feet. The pods are white, long, smooth and tender, early and productive.

DISCO PARSNIP

- 410 **HOLLOW CROWN**—Is an enormous producer, roots are 10 to 12 inches long and of the very best quality, smooth, white skin, sweet and tender. A freeze is necessary to bring out the right flavor to all parsnips.

POSTPAID PRICES					
MUSKMELONS—Cont.					
	Pkt.	Oz.	¼Lb.	½Lb.	1 Lb.
318 Hale's Best .....	.05	.10	.25	.45	.75
319 Emerald Gem .....	.05	.10	.25	.45	.75
325 Banana .....	.05	.10	.25	.45	.75
321 Honey Dew .....	.05	.10	.25	.45	.75
323 Montreal Gr. Nutmeg	.05	.10	.25	.45	.75
326 Rocky Ford .....	.05	.10	.25	.45	.75
DISCO WATERMELONS					
	Pkt.	Oz.	¼Lb.	½Lb.	1 Lb.
330 Citron, Colorado Preserving .....	.05	.10	.25	.40	.75
332 Cole's Early .....	.05	.10	.20	.35	.60
333 Peerless or Ice Cream .....	.05	.10	.20	.35	.65
334 Round Light Icing....	.05	.10	.20	.35	.60
335 Red Seeded Hutchnsn	.05	.10	.20	.35	.65
336 Kleckley's Sweet .....	.05	.10	.20	.35	.60
337 Long Light Icing.....	.05	.10	.20	.35	.60
338 Golden Honey .....	.05	.10	.20	.35	.65
339 Hungarian Honey ....	.05	.10	.20	.35	.65
341 Round Dark Icing.....	.05	.10	.20	.35	.65
342 Fordhook Early .....	.05	.10	.20	.35	.60
343 Pride of Muscatine....	.05	.15	.30	.50	.85
344 Sweetheart .....	.05	.10	.20	.35	.65
345 Stone Mountain .....	.05	.10	.20	.35	.65
347 King and Queen.....	.05	.10	.20	.35	.65
DISCO OKRA OR GUMBO		Pkt.	Oz.		
357 Long White Velvet.....		.05	.10		
DISCO PARSNIP		Pkt.	Oz.	¼Lb.	
410 Hollow Crown .....		.05	.10	.20	

Eat More Onions, They Are Healthful



Onion, Southport Red Globe

DISCO ONIONS

- 359 **MOUNTAIN DANVERS**—A slightly flattened globe type with a dark yellow thick skin which makes it especially profitable for storage. Quite early, unusually fine in quality.
- 360 **PRIZETAKER**—A large, straw-colored bulb, flesh pure white, rather mild in flavor. A heavy producer.
- 361 **AUSTRALIAN BROWN**—Early, semiglobe, reddish-brown skinned. Strong flavored, productive, and a good keeper.
- 363 **LARGE RED WETHERSFIELD**—One of the best red onions for home or market. Large, and flat, it matures early, is solid, of fine quality and keeps very well.
- 364 **SOUTHPORT RED GLOBE**—The best Red Globe variety, very handsome, fine grained, mild in flavor. Yields well and excels other red onions in keeping quality.
- 369 **SWEET SPANISH YELLOW**—A very large yellow globe onion, mild in flavor. A good keeper.
- 380 **SOUTHPORT YELLOW GLOBE**—Very popular late variety, fine quality, fairly strong flavor. Recommended for storing.
- 381 **SOUTHPORT WHITE GLOBE**—Good sized bulbs, pure white skin and flesh. Fine grained, mild in flavor, and a long keeping variety.
- 386 **ONION SEED IN MIXTURE**—This mixture of every variety of onion seed listed in our catalog is recommended for small gardens, as it makes possible an assortment at low cost, in a minimum amount of space.

PICKLING VARIETIES

- 382 **WHITE BARLETTA**—Bulb small, beautiful white color, flat on top and conical at the bottom; extremely early and a most valuable pickling sort.
- 385 **WHITE WELSH**—Does not form a bulb like other onions, but only a small enlargement at the base of each shoot. Ready for use very early in the spring. Comes up every year.

BERMUDA VARIETIES

- 366 **CRYSTAL WHITE WAX**—Pure white. Early. Extremely mild and sweet. Good sized flat bulbs. Crystal wax must be cured in the shade or they will sunburn and spoil very quickly.
- 367 **YELLOW BERMUDA**—Similar to Crystal Wax but with a straw colored skin. A better yielder and not so liable to sunburn.

DISCO ONION SETS

- 390 **YELLOW DUTCH.**
391 **WHITE DUTCH.**
392 **RED DUTCH.**
Special price on bushel lots.

for better vegetables
VIGORO
Complete plant food

DISCO PARSLEY

- 400 **CHAMPION MOSS CURLED**—A compact-growing, densely curled variety, dark green, used for garnishing, and flavoring soups.
- 401 **HAMBURG or TURNIP ROOTED**—The edible roots resemble a small, thick parsnip, both in shape and color, used for flavoring.



Champion Moss Curled Parsley

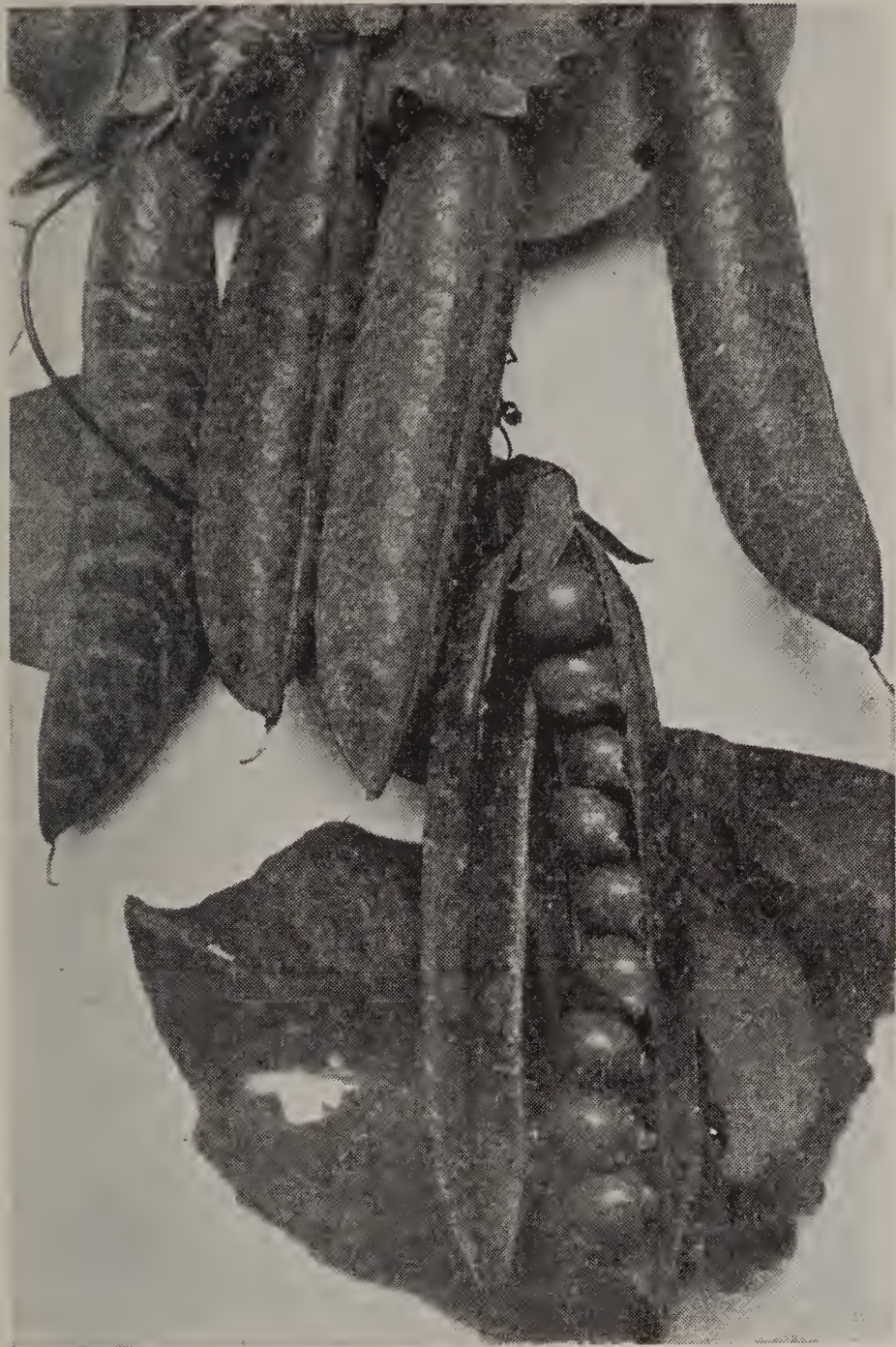
DISCO PEANUTS

- 460 **EARLY SWEET**—Can be grown in any light, sandy soil where potatoes succeed well.

POSTPAID PRICES

DISCO ONIONS		Pkt.	Oz.	1/4 Lb.	1/2 Lb.
359	Mountain Danvers .....	.05	.20	.60	1.00
360	Prizetaker .....	.05	.20	.60	1.00
361	Australian Brown .....	.05	.15	.55	.90
363	Large Red Wethersfield.....	.05	.20	.60	1.00
364	Southport Red Globe.....	.05	.20	.60	1.00
369	Sweet Spanish Yellow.....	.05	.20	.65	1.00
380	Southport Yellow Globe.....	.05	.20	.65	1.00
381	Southport White Globe.....	.05	.25	.70	1.10
386	Onion Seed in mixture.....	.05	.15	.45	.80
382	White Barletta .....	.05	.30	.80	1.50
385	White Welsh .....	.05	.20	.70	1.20
366	Crystal White Wax.....	.05	.35	1.25	
367	Yellow Bermuda .....	.05	.35	1.25	
DISCO ONION SETS			1 Lb.	2 Lbs.	4 Lbs.
390	Yellow Dutch .....		.20	.35	.50
391	White Dutch .....		.25	.40	.60
392	Red Dutch .....		.20	.35	.50
Special prices on bushel lots					
DISCO PARSLEY		Pkt.	Oz.		
400	Champion Moss Curled.....	.05	.10		
401	Hamburg or Turnip Rooted.....	.05	.10		
DISCO PEANUTS		Pkt.	Lb.	5 Lbs.	
460	Early Sweet .....	.05	.25	1.00	

DISCO GARDEN PEAS



Peas, Bliss Everbearing

Since peas flourish best in fairly cool weather, extra early varieties such as Little Gem and Alaska are especially recommended for hot dry sections. Where there is more rainfall later sorts will thrive equally well.

FIRST EARLY VARIETIES

- 420 GRADUS IMPROVED—Pods 4 inches long, peas large and tender.
- 421 AMERICAN WONDER — Very productive dwarf vines, peas slightly smaller than Gradus.
- 422 LITTLE GEM—An excellent very early variety, pods 2¾ inches long.
- 423 LITTLE MARVEL—The best dwarf early pea in existence. Sweet and tender and a heavy yielder and distinct from any other variety.
- 424—NOTT’S EXCELSIOR—Very similar to American Wonder.
- 443 ALASKA—Extremely early, tender. Pods 2½ inches long contain 5 to 8 small bluish-green peas.

SECOND EARLY VARIETIES

- 442 THOMAS LAXTON—Large tender peas which retain their flavor and sweetness until they begin to harden.

- 444 POTLATCH or BIG DINNER—Large peas, a few days later than American Wonder.
- 456 SUGAR DWARF GREY EDIBLE PODDED—When the pods are partly filled they are used like snap beans. When the seeds develop they are eaten as shelled peas.

MAIN CROP VARIETIES

- 445 BLISS EVERBEARING—A large pea which bears for a long period.
- 451 IMPROVED STRATAGEM—One of the best known and popular main crop peas.
- 452 DWARF TELEPHONE—Valuable to replace earlier types. Pods 4½ inches long.

DISCO PEPPER

- 465 LARGE BELL or BULL NOSE—First early; scarlet fruits 2 inches in diameter; 3 inches long, blunt at the end, while the flavor is mild and sweet.
- 466 LONG RED CAYENNE—Fruits average 4 inches long and ¾ inch in diameter; are a bright red color. Unusually hot and pungent.
- 467 NEAPOLITAN—Earliest and most productive large variety and one of the sweetest. Fruit bright red, 4 inches long and 2 inches thick.
- 468 RED CHERRY—Fruits small, round or cherry-shaped; rich scarlet and very hot.
- 470 PIMENTO or PERFECTION—Plants average 30 inches high with broad, dark green leaves. Fruits heart-shaped, smooth, 3 inches long, deep green, turning to red. Flesh thick, sweet and of excellent flavor.
- 471 CALIFORNIA WONDER—An outstanding medium late variety. Fruit is four-lobed, chunky, very attractive and smooth. Flesh thicker than other varieties, mild and sweet.

POSTPAID PRICES							By Exp. Not Pre- paid
Except 10 lb. lots peas							
DISCO GARDEN PEAS							
	Pkt.	1/2 Lb.	Lb.	3 Lbs.	5 Lbs.	10 Lbs.	
420 Gradus Improved	.05	.15	.25	.70	1.00	1.60	
421 American Wonder	.05	.15	.25	.70	1.00	1.60	
422 Little Gem .....	.05	.15	.25	.70	1.00	1.60
423 Little Marvel	.05	.15	.25	.70	1.00	1.60	
424 Nott's Excelsior....	.05	.15	.25	.70	1.00	1.60	
443 Alaska .....	.05	.15	.25	.70	1.00	1.60
442 Thomas Laxton ....	.05	.15	.25	.70	1.00	1.60
444 Potlach or Big Dinner .....	.05	.15	.25	.70	1.00	1.60
456 Sugar Dwarf Grey Edible Podded....	.05	.15	.25	.70	1.00	1.60	
445 Bliss Everbearing	.05	.15	.25	.70	1.00	1.60	
451 Imprvd. Stratagem	.05	.15	.25	.70	1.00	1.60	
452 Dwarf Telephone....	.05	.15	.25	.70	1.00	1.60	
DISCO PEPPER							
						Pkt. Oz.	
465 Large Bell or Bull Nose.....						.05 .25	
466 Long Red Cayenne.....						.05 .25	
467 Neapolitan .....						.05 .25
468 Red Cherry .....						.05 .25
470 Pimiento .....						.05 .25
471 California Wonder .....						.05 .25

BEST SIX PEA COLLECTION—Six Varieties for Price of Five.
Gradus Improved—American Wonder—Little Marvel—Thomas Laxton—
Sugar Dwarf Grey Edible Podded—Bliss Everbearing

6 5c packets 25¢
One of each

6 ½-lb. bags 75¢
One of each

Crisp Radishes from Early Spring Until Late Fall



Early Sugar

DISCO PUMPKIN

- 480 **EARLY SUGAR**—The best known pie pumpkin, early and small, excellent quality and flavor.
- 481 **JAPANESE PIE**—Pear-shaped with long neck, dark green skin. Early and sweet. Used for pies and stock feed.
- 482 **KING OF THE MAMMOTHS**—Rightly named since they weigh as much as 75 to 100 pounds. They keep well, and can be used for pies as well as for stock.
- 483 **LARGE CHEESE or KENTUCKY FIELD**—Hardy, productive, and a good keeper. Weighs about 10 pounds. The standard variety for canning.
- 484 **CONNECTICUT FIELD**—Usually grown in cornfield for stock. Used also for pies and canning. Weight about 20 pounds.

DISCO RADISHES

TURNIP OR ROUND VARIETIES

- 492 **SCARLET GLOBE**—The most desirable of early radishes, is crisp and mild in flavor until nearly an inch in diameter. Every member of the family will approve a generous planting for the early spring garden.
- 493 **SCARLET TURNIP WHITE TIPPED**—Especially attractive, this early two-colored radish is a favorite because of its tasty flavor and crispness, and will not become pithy until 1½ inches in diameter.
- 495 **WHITE GLOBE**—A white-skinned variety, tender and crisp.
- 505 **CRIMSON GIANT**—The largest of the early round radishes, yet as mild and crisp as the smaller ones at their best.
- 496 **TURNIP VARIETIES, MIXED**—Each individual preference can be met if this mixture is planted. A wise purchase for a small garden.



Radish, Scarlet Turnip White Tip

OLIVE OR OVAL-SHAPED VARIETIES

- 497 **FRENCH BREAKFAST**—A small, quick-growing sort, rich scarlet color ¾ of its length, tip end pure white. First rate quality.
- LONG SHAPED VARIETIES**
- 500 **CHARTIER**—Though similar to French Breakfast in color markings, it is much larger, often 7 to 8 inches long, and thick, yet tender and brittle.
 - 501 **ICICLE**—The most popular white home garden variety, roots 5 to 6 inches long.
 - 504 **LONG BRIGHTEST SCARLET**—One of the best and earliest of the long, scarlet radishes, crisp, fine quality.
 - 503 **ALL VARIETIES**—A mixture of all the summer varieties.

FALL AND WINTER VARIETIES

- 510 **BLACK SPANISH ROUND**—A somewhat roughened, black skin covers a crisp, white pungent interior. A good keeper, 3½ to 4 inches in diameter.
- 511 **BLACK SPANISH LONG**—The best keeper of the winter radishes, it closely resembles the round type in flavor. Length 8 to 9 inches, diameter 2 to 3 inches.
- 512 **CHINA ROSE (Scarlet China)**—One of the best winter radishes, smooth, rose-colored skin, white, crisp interior. Four to 5 inches long 2 inches thick. Treat with Semesan Before Planting



Radish, Scarlet Globe

Special prices given to market gardeners and those who use large quantities of garden seeds. Please write us if interested in quantity prices, giving us a list of your requirements and special prices will be quoted to you by mail.

POSTPAID PRICES

	Pkt.	Oz.	¼ Lb.
DISCO PUMPKIN			
480 Early Sugar .....	.05	.10	.25
481 Japanese Pie .....	.05	.10	.25
482 King of the Mammoths.....	.05	.10	.25
483 Large Cheese or Kentucky Field....	.05	.10	.25
484 Connecticut Field .....	.05	.10	.20
DISCO RADISH			
492 Scarlet Globe .....	.05	.10	.20
493 Scarlet Turnip White Tipped.....	.05	.10	.20
495 White Globe .....	.05	.10	.25
505 Crimson Giant .....	.05	.10	.20
496 Turnip Varieties, Mixed.....	.05	.10	.20
497 French Breakfast .....	.05	.10	.20
500 Chartier .....	.05	.10	.25
501 Icicle .....	.05	.10	.20
504 Long Brightest Scarlet.....	.05	.10	.25
503 All Varieties .....	.05	.10	.20
510 Black Spanish Round .....	.05	.10	.25
511 Black Spanish Long.....	.05	.10	.25
512 China Rose (Scarlet China).....	.05	.10	.25

DISCO RHUBARB

521 **VICTORIA**—An excellent hardy variety for home use. Plants grown from seed will not all come true, but it is an inexpensive way of producing plants, and the undesirable ones can be discarded, and the good ones will grow quickly and easily. Stalks should not be cut until the second year.



Buttercup

DISCO SQUASH

550 **EXTRA EARLY ORANGE MARROW**—The earliest of the Marrow squashes, very prolific and a good keeper.

551 **GIANT SUMMER CROOKNECK**—The largest summer variety, and one of the earliest.

552 **GOLDEN HUBBARD**—Similar to a Hubbard in form, it is orange-red in color, and earlier.

553 **IMPROVED HUBBARD**—The standard winter squash with a dark green moderately warted shell. The flesh is fine grained, thick and dry, of excellent flavor.

554 **WARTED HUBBARD**—The best keeping squash because of its heavily warted shell, it is a favorite for marketing. It is fine quality, and grows to nearly double the size of the common Hubbard.

555 **EARLY WHITE BUSH SCALLOP**—Very early summer squash.

558 **DELICIOUS**—An early winter variety, medium sized, pear shaped. Especially noted for its good flavor.

559 **MAMMOTH WHALE**—Two to three feet long, gray-green shell.

560 **TABLE QUEEN**—The smallest squash, it is often called Acorn or Individual. When baked it makes two servings of excellent quality and flavor.

561 **KITCHENETTE**—A convenient family size, it keeps well, yields generously, and is first quality for table use.

562 **BUTTERCUP**—Another introduction by Prof. A. F. Yeager of the North Dakota Experimental Station. This is the very best squash we ever tasted. It is nonfibrous in texture and an excellent keeper. The flavor is unsurpassed and very sweet. Order early as stocks of seed are rather limited. (See illustration.)

DISCO SWISS CHARD

80 **LUCULLUS**—Only the tops of this beet are used. The leaves, mild and spinach-like in flavor, provide a great mass of tender, light green foliage. The thick, white stalks are splendid for creaming like asparagus. It replaces spinach during the hot weather, and will yield until frost if kept cut.

DISCO SWEDE or RUTABAGA

614 **DISCO SPECIAL GARDEN or TABLE SWEDE**—Popular for home and market. The large, globular roots are a deep purplish red above ground, light yellow below, the flesh is creamy yellow, of fine texture and flavor. Yields well, and will keep until spring. A valuable food for stock. The growing season is longer than for turnips.

DISCO SALSIFY or VEGETABLE OYSTER

525 **MAMMOTH SANDWICH ISLAND**—Esteemed because of its oyster flavor, these nutritious roots are 6 to 8 inches long, 1 inch thick. They are ready for use in October, and can be stored for winter use, or left in the ground until spring.

DISCO SPINACH

535 **BLOOMSDALE or SAVOY**—Very early and hardy and one of the best for market and canning.

536 **LONG STANDING ROUND SEEDED**—Slower growing than Bloomsdale; leaves very large and of good substance.

537 **KING OF DENMARK**—Stands longer than Bloomsdale, large, blistered leaves, low growing plants.



Savoy Spinach

540 **NEW ZEALAND**—Most heat-resistant variety, and if kept cut will provide tender delicious greens until frost. The plants which thrive on almost all soils produce groups of small fleshy leaves. Each branch produces others. It is not a true member of the Spinach family.

POSTPAID PRICES

DISCO RHUBARB		Pkt.	Oz.
521	Victoria .....	.05	.15
DISCO SQUASH		Pkt.	Oz. 1/4 Lb.
550	Extra Early Orange Marrow.....	.05	.10 .25
551	Giant Summer Crookneck.....	.05	.10 .25
552	Golden Hubbard .....	.05	.10 .25
553	Improved Hubbard .....	.05	.10 .25
554	Warted Hubbard .....	.05	.10 .25
555	Early White Bush Scallop.....	.05	.10 .25
558	Delicious .....	.05	.10 .25
559	Mammoth Whale .....	.05	.10 .25
560	Table Queen .....	.05	.10 .25
561	Kitchenette .....	.05	.10 .25
562	Buttercup .....	.05	.20 .60
DISCO SWISS CHARD		Pkt.	Oz. 1/4 Lb.
80	Lucullus .....	.05	.10 .25
SWEDE OR RUTABAGA		Pkt.	Oz. 1/4 Lb.
614	Disco Spec. Garden or Table Swede	.05	.10 .20
DISCO SALSIFY OF VEGETABLE OYSTER		Pkt.	Oz. 1/4 Lb.
525	Mammoth Sandwich Island.....	.05	.15 .40
DISCO SPINACH		Pkt.	Oz. 1/4 Lb.
535	Bloomsdale or Savoy.....	.05	.10 .20
536	Long Standing Round Seeded.....	.05	.10 .20
537	King of Denmark.....	.05	.10 .20
540	New Zealand .....	.05	.10 .20

DISCO TOMATOES

- 581 **BONNIE BEST**—Early, medium sized, slightly flattened, smooth, scarlet colored. The plants are vigorous and prolific, the fruits of excellent quality.
- 582 **CRIMSON CUSHION**—A very large, solid and meaty red tomato for main crop planting.
- 583 **DISCO EARLIANA**—The best of the early tomatoes, it is also equal in quality to the finest medium or late tomato. Solid and excellent for market. Fruits are medium sized, firm and smooth, deep scarlet in color.
- Ⓐ 584 **PENN STATE**—All-America Selections—Special Mention. An extremely early tomato, unusually free of blemishes. Rich scarlet in color, the flesh is dark red with very little core. A very fine tomato.
- 585 **GOLDEN QUEEN**—Large size, smooth fruits of bright golden yellow. Thick and meaty, of excellent flavor, and of mild acidity. Very solid and fleshy.
- 586 **PONDEROSA**—A very large, productive variety for the home garden. A main crop, it bears until frost. The flesh is solid and meaty, the exterior somewhat rough and inclined to crack. Splendid for slicing.
- Ⓐ 589 **PRITCHARD or SCARLET TOPPER**—All-America Selections—Gold Medal. A mid-season variety, wilt resistant and disease resistant, recommended for shipping. Medium to large, exceptionally fine quality.
- 590 **OXHEART**—Large at the stem and tapers almost to a point. Main crop, solid and meaty, fine for slicing.



New Firesteel

592 **FIRESTEEL TOMATO**—A new development, being a cross between Pritchard and Bison, introduced by one of our local successful market gardeners who has specialized in tomato breeding for a number of years. This gardener was in our office recently telling us he had received a letter from a firm who specialize in supplying seed to truck growers. They purchased a small quantity of Firesteel Tomato last spring and wrote that it was the best all around tomato in regard to yield, early maturity, and fine flavor they ever grew, and ordered 10 pounds of seed for delivery this spring. It is a self-pruner, and consequently the plants can be planted very close together. Last year in Davison county, South Dakota, a yield of over 800 bushels per acre was gathered from Firesteel Tomato.

- 587 **MARGLOBE**—A second early sort, very resistant to wilt and rust diseases. Medium size, smooth, bright red fruits. A heavy producer and a fine shipping variety.
- 588 **BISON**—One of the most outstanding tomatoes for the Northwest, hardy, very early. The fruit ripens evenly, and great quantities of ripe tomatoes can be picked from each vine at one time. Has less foliage than any other variety, and therefore the growth goes to the tomato rather than to vines. We would recommend this tomato in preference to all others for the Northwest.
- 595 **IMPROVED BISON**—This is a selection made for several years by a truck grower who specializes in tomato growing. While retaining the salient features which have caused Bison to become so popular in the Northwest, has smoother fruits, smaller seed cavities, heavier yielding, and finer flavor than the original strain, particularly well adapted for canning and making tomato juice as well as slicing.



588 Bison

SMALL FRUITED VARIETIES

- 593 **STRAWBERRY (Ground Cherry or Husk)**—Not a true tomato. Small, round yellow fruits inclosed in a thin papery husk. Very sweet, used mostly for pies and preserves.
- 594 **YELLOW PEAR**—Fruit bright yellow of rich flavor, mostly used for preserves. The most popular of the small fruited varieties.

DISCO TURNIPS

- 610 **PURPLE TOP STRAP LEAVED**—Very widely used, flattened on top.
- 611 **PURPLE TOP WHITE GLOBE**—Similar to above, except globe shaped.
- 612 **WHITE EGG**—Early, oval or egg shaped.

POSTPAID PRICES

DISCO TOMATOES		Pkt.	Oz.	¼ Lb.
581	Bonnie Best .....	.05	.25	.75
582	Crimson Cushion .....	.10	.65	1.75
583	Disco Earliana .....	.05	.25	.75
584	Penn State .....	.10	.50	1.50
585	Golden Queen .....	.05	.35	.95
586	Ponderosa .....	.05	.35	.95
589	Pritchard or Scarlet Topper.....	.05	.25	.75
590	Oxheart .....	.05	1.00	2.25
592	Firesteel .....	.15	1.00	
587	Marglobe .....	.05	.25	.75
588	Bison .....	.05	.40	1.20
595	Improved Bison .....	.15	.75	
593	Strawberry .....	.05	.35	.95
594	Yellow Pear .....	.05	.35	.95
DISCO TURNIPS		Pkt.	Oz.	¼ Lb.
610	Purple Top Strap Leaved.....	.05	.10	.20
611	Purple Top White Globe.....	.05	.10	.20
612	White Egg .....	.05	.10	.20

You can grow the finest flowers from "DISCO" FLOWER SEEDS

Flowers are enjoyed by everyone, and no garden is complete without a fair assortment of many really beautiful flowers, which may, with comparatively little expense and care, be raised from seed. We offer a wonderful selection of seed of all the familiar and favorite varieties, including flowers for cutting, for garden beds or borders, for house plants, for vining purposes, for color, and for foliage effect.



Flower seed may be divided into three classes: Annuals, Biennials and Perennials. Annuals are those that attain full growth from seed, flower and die the first year. Biennials grow from seed the first year, bloom and die the next, though some varieties bloom the first year. Perennials grow from seed the first year, die down in

winter, but start again in the spring from the roots, lasting many years and flowering every year. For the convenience of our customers, we have listed our seed according to their classification: (A) Annuals, (B) Seed suitable for bedding, (E) Everlastings, (H) Seed for House Plants, (P) Perennials, (V) for Vining purposes.

2524 AQUILEGIA, COLUMBINE (Long Spurred Hybrids) (P)—A well known hardy perennial; flowers are of delicate and graceful form in many colors and combinations of color, red, pink, lavender, blue, white and yellow. See color illustrations on cover. Pkt., 10c.

2514 AGERATUM, BLUE PERFECTION (A)—Neat dwarf annual, much used as edging for beds and borders. Flower heads are fluffy, of a beautiful amethyst blue, literally a sheet of bloom from early summer until frost. Easily grown in good garden soil. Pkt., 5c.

2521 ANTIRRHINUM, SNAPDRAGON, Dwarf Mixed (A)—No garden is complete without a mass of Antirrhinums. Flowers are borne on spikes on stems one foot high. All colors. Pkt., 5c.

2513 AFRICAN DAISY, DIMORPHOTHECA AURANTICA (A)—The flowers which are 2½ inches in diameter are a unique rich, glossy, orange-gold with dark disc and halo. Pkt., 5c.

2512 ALYSSUM, SWEET (A)—A low spreading annual with white, sweet scented flowers. Grows easily from seed. Makes an attractive edging or border plant. Pkt., 5c.



Antirrhinums, Dwarf Mixed



Asters, Comet

2531 ASTERS, Comet Mixed (A-B)—The most popular Aster today. Flowers measure from three to four inches in diameter. All the popular shades. Pkt., 5c.

2559 BALSAM, Double Mixed (A)—A great favorite found in most old fashioned gardens; produce quantities of brilliant colored, very double flowers; commonly called Lady Slippers. Grown easily from seed. Attain a height of about two feet. Pkt., 5c.

2568—CALENDULA, POT MARIGOLDS, Mixed (A)—A favorite annual, producing an abundance of flowers, ranging in color from cream and yellow to deep orange. Pkt., 5c.

2996 CANARY BIRD VINE, Canary Creeper (A-V)—An excellent tall climbing annual with a five-lobed leaf and an odd canary-yellow fringed flower. Pkt., 5c.

2581 CANDYTUFT, Mixed (A)—A common annual, flowers comprising colors of white, rose, lavender and purplish hues. Pkt., 5c.

2590 CARNATION, Chaubaud's Mixed (P)—The carnation, grown so extensively today for cut flowers, is gaining deserved popularity. Valuable for their delicious fragrance. Pkt. 10c.

2633 CENTAUREA CYANUS, Double Cornflower (A)—A well known old-fashioned flower seen in most gardens. These are also known as Ragged Sailor or Ragged Robin. Pkt., 5c.

2634 CYANUS MINOR (Cornflower) (A) Dwarf Jubilee Gem (Award of Merit "All-America" Trials)—A dwarf variety of Cornflower growing about 12 inches high, making a compact plant literally covered with flowers. Pkt., 15c.



Balsam, Double Mixed

2900 CHINESE LANTERN, Physalis (P)—An ornamental plant, bushy and compact, with interesting lantern-like pods. As the flower matures the color becomes more intense, a bright scarlet. Branches may be cut and dried for winter decoration. Pkt., 10c.



Cosmos, Giant Single Mixed


2611 **CLARKIA ELEGANS**, Mixed (A)—An interesting annual; very free flowering and indispensable in the garden where a mass of color is desired. White, rose and crimson flowers. Pkt., 10c.


2612 **CLARKIA**—Novelty mixture, being a perfect blend of the newest and best double varieties. Pkt. 10c.

2616 **COCKSCOMB**, Glasgow Prize (A)—Almost universally found in old-fashioned gardens. An annual, blooming in late summer. Flower heads somewhat resemble a cock's comb. Pkt., 10c.

2624 **COSMOS**, Giant Single Mixed (A)—A well known, free blooming and easy grown annual; produces an abundance of blooms from midsummer until frost. Pkt., 5c.



 Delphinium Annual,
Cambridge Blue
Award of Merit—
All-America Selections

 2625 **COSMOS**, New Klondike — (All-America Selections — Gold Medal.) All judges placed it at the head of the list. Blooms early. Brilliant orange with marigoldlike foliage. Has to be grown to be really appreciated. Pkt., 10c.


2615 **COBAEA SCANDENS**, Cup and Saucer Vine (V)—A climber of rapid growth treated as an annual; will attain a height of 10 to 20 feet. Large, bell-shaped purple flowers. Pkt., 10c.

2617 **COLEUS**, Fine Mixed (B) — A well known perennial grown for their richly colored foliage. Leaves of velvety texture. Colors all shades of red to black and many shades of yellow and green. Excellent for bedding. Pkt., 10c.

2576 **COREOPSIS**, Lanceolata Grandiflora (P)—One of the showiest of garden plants, attractive for its light green, finely cut foliage and abundance of bloom on long, graceful stems. Colors, pure yellow, yellow with brown center. It has a long blooming period. Easy culture. Height two and one-half to three feet. See color illustration on back cover. Pkt., 5c.

2646 **DAHLIA**, Double Mixed (P)—An old favorite, it is one of the showiest late summer blooming plants. Flowers double in a wide range of colors. Should be sown in flats early in spring. Pkt., 10c.

2650 **DELPHINIUM**, Wrexham Type (P)—One of the best perennials for the border and for cut flowers. These Hybrids are valuable for their wide range of color and for their varying heights. They grow from five to six feet in height and range in color from pale lavender to indigo blue. Abundant foliage. Of easy culture. See color illustration on back cover. Pkt., 5c.

 2651 **DELPHINIUM**. Annual Cambridge Blue—Grows two to three feet tall. A variety well suited for cutting. A true light blue, easier grown than the perennial Delphinium. Pkt., 10c.

2652 **DIANTHUS PINKS SINGLE CHINESE MIXED**—A great favorite in the garden, producing compact, grayish, grasslike foliage, with various colored blossoms delightfully sweet scented. Height 1 foot. Pkt., 5c.

2664 **DIDISCUS**, BLUE LACE FLOWER (A)—A profusely blooming annual. Height eighteen inches to two feet. Flowers dainty and used for cutting. Color pale lavender. Long blooming season. Pkt., 10c.

2635 **DUSTY MILLER**, Centaurea Gymnocarpa (A)—This popular annual is used principally for edging beds and borders. Foliage silver gray, deeply cut. Plants attain a height of twelve to fifteen inches. Forms good contrast to bright colors in a garden. Pkt., 10c.

2685 **ESCHSCHOLTZIA**, California Poppy (A)—Flowers of Poppylike form come in all shades of yellow and gold. Foliage silvery and finely cut. Pkt., 5c.

2823 **FEVERFEW**, Matricaria (A)—An annual that has long been a favorite as a cut flower. Flowers borne in little clusters, very double, snow white, growing twelve to eighteen inches. A constant bloomer. Pkt., 10c.



Mixed Ornamental Gourds

2844 **FORGET-ME-NOT**, Myosotis, Mixed (P)—An old favorite and a very attractive edging plant. Dense foliage and flowers in shades of lovely light blue. Low growing. Pkt., 10c.

2821 **FOUR O'CLOCKS**, Marvel of Peru (A)—An old fashioned flower, deriving its name from the fact that the blooms open late in the afternoon. Height 2-3 feet. Free flowering. Colors red, yellow, variegated and white. Of little value for cutting, but may be used in the border in line planting for masses of color. Pkt., 5c.

2694 **GERANIUM**, Zonale Mixed (A-B)—Almost too well known for description. Variety of color in blooms and interesting to watch. Of very easy culture. Pkt., 15c.

2697 **GLOBE AMARANTH**, Gomphrena or Bachelor's Button (A-E)—An easily grown, hardy annual, attaining a height of a foot to a foot and a half, producing blooms in July. Foliage coarse, flower heads resembling clover may be used when dried in winter bouquets. Flowers white, pink, purple, and striped. Pkt., 5c.

2714 **GOURDS**, Ornamental, Mixed (A)—A tender vine used on fences, etc., bearing odd-shaped fruits oddly marked and colored. Of easy culture and prefer sunny location. Pkt., 5c.

2715 **GYPSOPHILA**, Paniculata (P)—A very attractive perennial. Height two to three feet. Flowers very double. Blooming period July and August. Grown extensively for cut flowers. Pkt., 10c.



Heliotrope

2734 HELIOTROPE, Fine Mixed (A)—A universal favorite because of its fragrance and lasting quality of bloom. Colors are deep heliotrope, lavender, lilac or white. Used extensively for cut flowers. See illustration. Pkt., 10c.

2738 HOLLYHOCKS, Double Mixed (P)—An old-fashioned perennial producing a picturesque effect with its tall stately stalks covered with showy, large blooms. The blooms are very double and range in color from pure white, through the pinks, yellows, salmons, and reds. Very easy culture. Pkt., 5c.

2741 HUMULUS JAPONICA, Japanese Variegated Hop (V)—A rapid, strong-growing vine used for covering trellises, fences, etc. Foliage deeply cut and many lobed. Leaves variegated white, green and yellow, and very attractive. Of easy culture and prefers sunny location. Pkt., 5c.

2767 KOCHIA, Childsii (Summer Cypress) (A)—This plant is well named because in the summer it resembles a well shaped little evergreen. It turns to crimson in the fall, due to the countless tiny flowers. Pkt., 5c.

2787 KUDZU VINE, Pueraria Thunbergiana (P-V)—A remarkable hardy, Japanese vine with large foliage, producing a tremendous growth in one season, sometimes as much as 40 to 60 feet in one summer. Pkt., 10c.

2735 LATHYRUS, Perennial Pea, Mixed (P-V)—Strong, vigorous vines, growing eight to ten feet high. Flowers borne in clusters in pink, red and white, produced continuously. Pkt., 10c.

2777 LARKSPUR, Double Tall Rocket (A)—This annual which grows from 18 to 20 inches has a good range of color, all shades of pink, rosy red, blue, purple, as well as white. Flowers double. Very attractive in border or beds. Pkt., 5c.

2794 RUSSELL LUPINS—A new strain of Lupins that has literally shaken British horticulturalists out of their habitual calm. The range of color is extraordinary including many shades never before seen in Lupins. The average height in growth is from four to five feet. The sight of the cut flowers is wonderful. Awarded the Gold Medal by the Royal Horticultural Society of Great Britain. Pkt., 25c.

2795 LUPINUS, Polyphyllus (P)—The pealike flowers are borne in spikes a foot or more in length on stems from three to five feet high. A hardy perennial of easiest culture. Flowers white, pink, rose and blue. Pkt., 10c.

MARIGOLDS



Double African Marigold

2814 DOUBLE AFRICAN, Mixed (A)—An easily grown annual, supplying an abundance of color, and worthy of a place in any garden. Yellow to deep orange in color. Bloom from end of July until frost. Pkt., 5c.

2816 DWARF FRENCH, Mixed (A)—More dwarf in habit than the African Marigolds, smaller flowers ranging from yellow, orange and red and brown shades. Pkt., 5c.

2817 MARIGOLD COLLARETTE, Crown of Gold—(All-America Selections—Gold Medal). An entirely new type. The crown or top of the flower resembles a Chrysanthemum in formation, and is made up of long, disc petals that beautifully interlace. The crown and the collarette of big, broad petals which surround it are of a bright, pleasing shade of clear golden orange. The flowers are slightly sweet scented, and the foliage is entirely free of that usual Marigold odor. Grows about 2 feet high, early flowering and very floriferous. Pkt., 15c.

2818 MARIGOLD, Dixie Sunshine—(All-America Selections—Award of Merit.) Bright yellow flowers, distinct curled and quilled petal formation. Pkt., 10c.

2828 MIGNONETTE, Grandiflora, Mixed (A)—One of the best known old fashioned flowers. Excellent border plant. Colors white, yellow, salmon and a reddish tint. Pkt., 5c.

MORNING GLORIES

2620 TALL MIXED (A-V)—This tender climber needs a sunny location to do well. Wide range of colors and particolored, blue, purple, pink and white. Long blooming period. Pkt., 5c.



Glorious Gleam Nasturtiums
All-America Selections—Award of Merit

NASTURTIUMS

2861 NASTURTIUM, Glorious Gleam, Mixed—Beautiful double sweet scented flowers of vivid colors and delightful green foliage. Pkt., 10c.

2855 DOUBLE GOLDEN GLEAM, Sweet Scented—(All-America Selections—Gold Medal.) Large golden yellow blooms, double and semi-double, that measure 2½ to 3 inches across. An ordinary sized bouquet of these lovely blooms will fill the room with their fragrance. Pkt., 10c; oz., 25c.

2860 TALL MIXED (A)—A very popular annual. Used on fences, trellises, etc. Choicest colors. Pkt., 5c; oz., 15c.

2856 DWARF MIXED (A)—Rich, green foliage. Flowers shading from yellow to crimson. Fine for cutting. Pkt., 5c; oz., 15c.

2868 NIGELLA, Double Mixed (A)—Commonly called Love-In-The-Mist. A free flowering plant, of easy culture, growing in any garden soil. Finely cut foliage. Flowers blue and white. Used for bordering and cut flowers. Pkt., 5c.



Petunia,
Giants of California

2889 PANSIES, Disco Giant Mixed (A-B)—The Pansy is one of our most valuable summer and fall flowering plants of easy culture and sure to please. All flowers of Giant type and colors range from white, through the yellows, blues, purples, reds to black. Pkt., 10c.

PETUNIAS

2894 SINGLE BEDDING, Mixed (A-B)—Good selection of colors. Massed or in rows, they make a brilliant effect. Pkt., 5c.

2895 GIANTS OF CALIFORNIA (A)—Unsurpassed as border plant. Very showy. Pkt., 10c.

Grow Annuals and Perennials in Your Garden

2913 ANNUAL POPPIES, Double Mixed (A)—Flowers double, gorgeously colored in many shades of white, pink, scarlet, cardinal and purple. Used for bedding and the border. Seed should be sown early in the spring. Pkt., 5c.

2921 PRIMULA, Obconica Grandiflora (A)—Fine for pot culture. Flowers borne in large clusters in white and shades of crimson, pink, blue and lavender. Pkt., 15c.

2925 PYRETHRUM, Roseum Hybridum (P)—Commonly called Painted Daisies which describes them well. Colors all shades of pink and crimson red. Pkt., 10c.

2901 PHLOX DRUMMONDI, Mixed (A)—A very popular annual, affording a wonderful amount of bloom during a season. Colors, pink, rose, magenta, violet, crimson and white. Pkt., 5c.



Phlox Drummondii, Mixed

PORTULACA—Moss Rose

H. H. A.—Forms masses of delicate green foliage, covered with bright colored flowers.

2916 GRANDIFLORA—Large single, 6-in. Pkt., 5c.

2917 GRANDIFLORA—Double mixed, 6-in. Pkt., 10c.

2937 RHODANTHE, Manglessii Rose (A-E)—Flowers bright rose and charming. Used as an everlasting. Makes an excellent pot plant. Requires a rich soil. Pkt., 5c.

2939 RUDBECKIA, Purpurea (P)—Commonly known as the Purple Cone Flower. Leaves thick and coarse. Flowers of a reddish-purple, drooping with centers very stiff and prominent. Pkt., 10c.

2952 SALPIGLOSSIS, Grandiflora (A)—An annual growing in popularity, producing velvety, funnel-shaped flowers in many shades of purple, crimson, scarlet, yellow, buff, as well as some almost black; others marbled and penciled. Fine for cutting. Pkt., 10c.

2987 SALVIA SPLENDENS, Scarlet Sage (A-B)—Of all the red-flowered bedding plants Salvia Splendens is the most brilliant and showy. The brilliant racemes are produced from July to September. Pkt., 10c.

3036 SCABIOSA, Double Tall Mixed (A)—It is hard to find a more satisfactory annual for the garden. The flowers come in various shades of dark purple, crimson, cherry, rose, lilac, lavender, blue, light yellow and white. Long blooming season. Cut foliage. Long stems, fine for cutting. Flowers keep well. Pkt., 5c.

3038 SCABIOUS BLUE COCKADE—Beautiful pure deep azure blue. Received an Award of Merit from the Royal Horticultural Society of Great Britain. Pkt. 15c.

2960 SCHIZANTHUS, Butterfly Flower (A)—Fernlike foliage and dainty fringed blooms in many brilliant colors, so abundant as to completely hide the foliage. Pkt., 5c.

2962 SHASTA DAISY, Alaska (P)—A hardy perennial of great value in the garden. A vigorous grower, producing large, long stemmed snow-white daisies, which are excellent for cutting. See colored illustration on cover. Pkt., 5c.



Sweet Peas, Spencer, Mixed

2974 STOCKS, Tall Ten Weeks' Mixed (A)—Brilliant in color, delightfully fragrant. The flowers are double in shades of red, pink, rose, blue, lilac and white. Pkt., 10c.

2733 STRAWFLOWER, Helichrysum, Mixed (E)—One of the choicest of all 'everlastings.' Flowers in many shades. Pkt., 5c.

SWEET PEAS

DISCO SPECIAL MIXTURES

2220 DISCO SPENCER or Butterfly Mixture—Pkt., 5c; oz., 20c; ¼ lb., 55c. A beautiful blend of 75 Spencers, including many new varieties. The choicest mixture to be had.

2225 DISCO GRANDIFLORA MIXTURE—Pkt., 5c; oz., 10c; ¼ lb., 35c. A splendid assortment of finest colors, blended to harmonize and insure a fair proportion of all.

2984 SWEET WILLIAM, Double Mixed (P)—Well known for years in the old fashioned garden. A wonderful range of color, all shades of pink, scarlet and dark crimson, as well as white with pink eye. Pkt., 5c.

3037 TRITOMA, Flowering Hybrids (P)—The tall spikes of showy, flaming, orange-red flowers give the plant its name of 'Red Hot Poker.' See colored illustration on cover. Pkt., 10c.

3009 VERBENA, Mammoth Mixed (A)—Splendid tender plants suitable for bedding and easy of culture. The flowers, which are borne in large trusses three inches or more in diameter, range in color from white, rose, scarlet, blue to purple. Pkt., 10c.

3039 ZINNIA, Fantasy Mixed—Delicate lacy petalled flowers, rounded, medium sized, with a wide range of beautiful colors. A really beautiful variety. Pkt., 15c.

3034 ZINNIAS, Disco Giant Dahlia Flowered (A)—This is unquestionably the best novelty in Zinnias. As a result of painstaking care and selection, the size, form and coloring have been much improved upon. The flowers measuring 4 to 6 inches in diameter in the following colors: Orange, yellow, flesh and pink, chestnut and colors never before in Zinnias. Three feet. Pkt., 5c.



Zinnia, Disco Giant Dahlia Flower

3035 ZINNIA, Crown of Gold—Words cannot give an adequate description of the beauty of this marvelous Zinnia. The color tones go from light to dark yellow and are gorgeous under artificial light. Two to three feet high and bear generously over a long period. Pkt., 10c.

3040 WILD GARDEN MIXTURE—A brilliant mixture of showy flowers. One surprise after another during the blooming period. Pkt., 5c.

STOP, LOOK AND LISTEN!

A few cents spent in Flower Seeds will pay larger dividends than any other investment you can make.

The DAKOTA IMPROVED SEED COMPANY

"DISCO" SWEET CLOVER

5 Reasons Why

YOU SHOULD SOW RECLEANED AND SCARIFIED SEED

- "ONE ACRE SWEET CLOVER PLOWED UNDER A YEAR AFTER SEEDING WILL ADD APPROXIMATELY 100 POUNDS NITROGEN TO THE SOIL."—Iowa State College, April, 1931.
- IT GIVES YOU QUICKER RETURNS
- PROVIDES PASTURE SAME YEAR YOU SOW
- PUTS INTO THE SOIL WHAT OTHER CROPS TAKE OUT
- IT IS ALMOST IMPOSSIBLE TO KILL OUT AND IS THE CHEAPEST MEANS OF BUILDING UP YOUR FARM TODAY.

TALL WHITE BLOSSOM

MELILOTUS ALBA—This is by far the most popular biennial variety. Under ideal conditions it will sometimes make a growth of 48 inches the first year, its usual growth being 18 to 30 inches. It stores up a tremendous quantity of reserve food in its deep tap root, which enables the plant to make a rapid and vigorous growth early the following spring.

GRUNDY COUNTY, EARLY WHITE DWARF WHITE, CRYSTAL WHITE

Under these various titles, a dwarf growing type of the biennial white variety has been distributed during the past few years. It is earlier, grows to a medium height, does not require clipping, matures its seed earlier and more uniform; is consequently easier handled.

YELLOW BLOSSOM

MELILOTUS OFFICINALIS—This variety is also a biennial, growing a hay crop the first year; flowers, bears seed and dies at the end of the second year. Stems are finer, inclined to be less "woody" and have a larger proportion of leaves and fine branches, which naturally makes it a better pasture, and some farmers prefer it as a hay crop, although it makes less tonnage per acre than the White Blossom variety.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE

MISCELLANEOUS CLOVERS

ALSIKE or SWEDISH CLOVER

Produces the finest quality of clover hay; unusually hardy, and well adapted for pasture. Thrives best on low and moist lands and is particularly well adapted for mixing with Timothy, as it will grow under similar conditions, and can be cured well if grown in this manner.

MEDIUM RED CLOVER

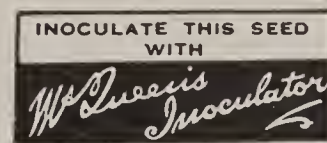
The extremely low price on Medium Red Clover this spring should be an incentive to sow plenty of it this year. Where adapted there is no more valuable clover crop raised. Insist on domestic grown Red Clover seed. All our seed is domestic grown.



Hubam Clover

HUBAM

Annual White Blossom. Where it is considered desirable to have the crop make its growth, flower, form seed and die in one year, Hubam has advantages. It certainly has a strong appeal to the honey producer, greatly increasing the available bee pasture.



MAMMOTH RED CLOVER

Coarser and stronger growing than the Medium Red. Well adapted for hay, if cut early, but is mostly used as pasture and for fertilizing.

WHITE or DUTCH CLOVER

A dwarf close-growing variety, in demand for lawns and pasture. Fine for top seeding on old pastures. Improves feed value. Our price on this high quality seed is very reasonable.

All our clovers are domestic grown. The U. S. Department of Agriculture Bureau of Plant Industry does not recommend imported clovers, in fact warns farmers against their use, with the exception of Canadian grown seed. Not only are imported clovers less hardy, but they yield less and are otherwise unsatisfactory.

The BARGAIN COUNTER

Alfalfa and Sweet Clover Are Our Specialties

Recleaning many carlots in a season, we generally have on hand many small lots not just good enough for our regular brands. A little off color, perhaps, or containing Pigeon Grass or a little Gumbo. We give real snaps in these. Write us about them.

Save Money Seeding That New Hog Lot



Above is a photograph of our Mr. Richard Burn, (taken October, 1938) in the Mitchell Air Port Field. This field was seeded down in April, 1935, with Disco Alfalfa seed and notwithstanding the ravages of grasshoppers, drouth, hot winds, etc., which it has gone through these past three years, this field is in excellent condition, truly a remarkable example of results obtained and maintained by using Disco Alfalfa Seed.

Alfalfagrams . . . too late for caution after seed is planted

Don't gamble with your chances of obtaining a satisfactory and profitable alfalfa patch by sowing unadapted seed.

The introduction of the U. S. Verified Origin Service referred to in greater detail below was not prompted by governmental whim or demand, but was sought by reputable seed houses not only for the protection of their farmer customers, but also for their own protection as they found they were suffering from the unfair competition of unscrupulous dealers substituting either southern grown or imported seed for South Dakota or other seed of northern origin, and these unscrupulous dealers could undersell. In fact their actions made it impossible for the honest dealer to compete with the others in price and make a legitimate profit, without which no business can survive and continue to give service.

The Verified Origin Service is not an exclusive organization. Any seed dealer who is willing to comply with the simple requirements of the service may become a member. There is an old saying which goes like this, "A nod is as good as a wink to a blind horse" and if a seed dealer is not a member of the Verified Origin Service, echo answers why?

We Avail Ourselves of This Government Service for Your Protection



As an additional safeguard to our customers, through arrangement with the United States Department of Agriculture, under which our stock records are inspected and supervised by that department, we are authorized to issue verified origin certificates for alfalfa seed sold by us, the locality of production of which has been verified by a Federal Inspector. Disco alfalfa can be supplied with verified origin certificate.

The unusually short crop, which will undoubtedly mean that there will not begin to be enough hardy northern grown seed to supply a normal demand, will constitute quite a strong temptation in some quarters to practice substitution, and we, therefore, recommend that buyers of alfalfa seed insist on Verified Origin seed.

SAFEGUARDS

In no business or profession in the world does the integrity and reliability of the vendor loom so large as in the seed business, and possibly no single variety of seed has been more substituted with resultant loss to the buyer than alfalfa. As a safeguard to our customers we adopted, some years ago, the plan of sealing our alfalfa with the Disco Seal.



Every Bag of Disco Alfalfa Sealed

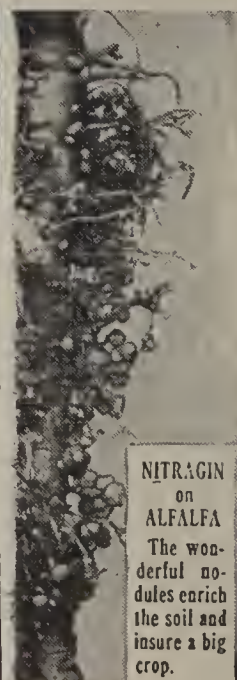
The popularity and superiority of Disco Alfalfa has caused many unscrupulous dealers to attempt to substitute. Instances have frequently come to the attention of our salesmen where intending planters have been told that they could be supplied with our seed, or just as good, practically the same, and so on. Discriminating buyers will insist on the Genuine Disco, to be obtained direct or from authorized Disco dealers. For your protection and our own, every bag of Disco alfalfa will have a seal bearing the Disco brand, our registered trademark. Look for this, without which none are genuine.

INOCULATION

When sowing alfalfa, sweet clover, or any other legume for that matter, be sure to use a bacteria which will help you to get a stronger stand than you would otherwise obtain. Inoculation has proven time and again to be a decided help in obtaining not only a stronger stand, but also an increased yield. The leading experiment stations use and recommend an inoculation.

Below we give you the prices on Nitrigin. For price on McQueen's Inoculation, see page 30.

NITRIGIN The Original Legume Inoculator		INOCULATOR PRICES When Ordering, Always Specify Name of Seed	
ALFALFA, all CLOVERS		LESPEDEZA	
Size	Retail	Size	Retail
1/2 bu. ea.	\$.33	1 bu. ea.	\$.33
1 bu. ea.	.50	2 bu. ea.	.50
2 1/2 bu. ea.	1.00	5 bu. ea.	1.00
VETCH, AUSTRIAN PEAS, CANADIAN PEAS, BEANS		PEANUTS, SOY BEANS, COW PEAS, LIMA BEANS	
1/2 bu. ea.	\$.25	1 bu. ea.	\$.30
1 bu. ea.	.40	2 bu. ea.	.50
*1 2/3 bu. ea.	.60	5 bu. ea.	1.00
5 bu. ea.	1.70	10 bu. ea.	1.60
*12 1/2 bu. ea.	4.00	*25 bu. ea.	3.00
**"100lb." & 12 1/2 bu. size, packed only for Vetch & Peas		*25 bu. size packed only for Soy Beans, Cow Peas, Peanuts	
NITRIGIN GARDEN SIZE for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines. Enough for 4 lbs. seed.			
Retail Price.....		10c each.	



NITRIGIN on ALFALFA
The wonderful nodules enrich the soil and insure a big crop.

Don't throw your money away on unadapted foreign grown Alfalfa Seed

There Is No Substitute for "Quality Seed"

"Disco" ALFALFA

Is Backed by a Continuous Improvement Program

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE

REGISTERED ALFALFA STATE SEALED and CERTIFIED SEED

This seed of established pedigree is produced by the most successful and dependable growers, the entire process being under state supervision from planting time. All cleaning operations are checked and supervised by Crop Improvement Association inspectors; the seed is graded (either blue, red or yellow tag, as the case may be), tagged and sealed by the Association, in 2½ bushel (150 pounds) or in 1 bushel (60 pounds) or half bushel (30 pounds) bags. The South Dakota Crop Improvement Association and the Wyoming Department of Agriculture have a resident inspector in Mitchell who is available to open and re-seal the bags containing any quantity desired.

In buying State Sealed Seed be careful to examine the seals and tags.



This photo was sent to us by our esteemed customer, Mr. C. E. Brewer of Wirt, Indiana, and was sent to show how well his Disco Grimm Alfalfa had done. The fine sturdy boy is his grandson, Harold Hammond, 8 years old. So long as Indiana can produce boys and Alfalfa like this she need have no fear of the future.

LADAK

The U. S. Department of Agriculture found the natives of Ladak, a province of northern India, cultivating this variety at an elevation of 12,000 feet where the rainfall is around 4 inches per year, and blizzards occur at any month of the year.

A few seeds of this were brought back and given to Montana farmers for experimental purposes. They noticed at once that the plants stood the severe winters and did better in hot, dry weather than ordinary alfalfa. When planted on wilt infected soil it stood again as long as other varieties before being killed out. Give this a trial because all experiments show that it is a coming leader.

So satisfied are we that Ladak possesses unusual

merit that we have prepared a special pamphlet telling more about this wonderful Alfalfa than we have space for in this catalog. Write for Free Copy.

"DISCO" NO. 28

The demand for this excellent alfalfa not only in the northwestern states, but also in the eastern and southern states, has been phenomenal. Our greatest problem, as a rule, has been to be able to supply the demand. It is the most universally popular and useful of our Regional Strains, and we have had to increase our acreage several times. This year, with short crops in all our growing sections, we were quite apprehensive of being able to supply our normal demand. Reports from our customers indicate that it still retains its position of leadership in resistance to winter-killing, in resistance to the growth of pigeon grass and other similar foes of alfalfa, and in the heavy yield of hay. We heartily recommend this variety.

DAKOTA NO. 12

In our producing districts, fields of Dakota No. 12 thirty to forty years old are very common. It is a plant which has developed the hardy characteristics in a very severe climate and has stood the test. Genuine Dakota No. 12 comes to you in sealed bags. This is your protection.

GRIMM

Our stocks of this well known variety have been grown under the most exacting conditions, both in regard to drouth and cold, so that its hardiness and well known resistance to winter killing have not only been maintained, but by constant selection, very much improved.

Recommended by agricultural colleges throughout the United States. Where extreme temperatures are experienced, Grimm alfalfa has demonstrated its ability to withstand the severe winters and burning drouth. We give an affidavit that all Grimm sold by us is genuine and to be seed of known pedigree. Where "winter killing" is a problem—USE GRIMM.

COSSACK

The dry years experienced in the northwest have demonstrated the unusual drought resistant qualities of Cossack Alfalfa. Our prediction is that in the next few years Cossack will become the popular variety of this great legume. Many farmers in South Dakota, Wyoming, and Montana have positively declared that they will plant nothing but Cossack. Apparently its long existence in the deserts of Siberia has bred into it unusual drought resistance, and at the same time where moisture is available either through nature's rainfall or irrigation it responds with enormous yields of nourishing, high protein alfalfa hay.

BALTIC

A comparatively new variety of hardy alfalfa. U. S. Bulletin Number 757 says: "This variety is recommended for sections where ordinary strains suffer considerable loss through winter killing. The quantity of Baltic seed produced in the United States is rather limited and precautions are necessary in purchasing it."

Dakota Improved Seed Company are the promoters and breeders of the Baltic alfalfa. Placing your order with them assures you will get the original Disco Baltic alfalfa seed.

"DISCO" SELECTED GRASS SEED

"The time is bound to come when more thought must be given the pastures of the Northwest. The native grasses must eventually give way to such mixtures that will produce a more continuous growth during the growing season, and much more feed."

The above article was written and published so long ago as 1917 in our catalog which was published that year. It was true then, but it is doubly true today, as native pastures have been degenerating, and, furthermore, the highly competitive nature of stock feeding today renders it necessary that the most up-to-date methods be used in every department, and perhaps in no department is there such a lamentable handicap being carried as in the pastures.

We strongly recommend that stock raisers contemplating improving their pastures act conservatively, beginning with a comparatively small area, which should be prepared just as well as it can be prepared. The trouble has been in the past that attempts have been made to change the picture all in one season. This might have been accomplished if weather conditions had been ideal, but it is very seldom that we have ideal weather conditions, and, furthermore, there is a great deal yet to learn in the matter of suitable pastures on every farm, and a conservative policy of going slowly and deciding that it is better to take several years to accomplish what you set out to do, and do it well, than to attempt to do it all in one year, and fail.

CRESTED WHEAT GRASS Fairway Strain

When this strain was introduced, it was given the name "Fairway" to distinguish it from the standard strain. However, the name "Fairway" has led a great number of people to believe that Fairway is a fine growing variety which can only be used for lawns, parks, etc., this is not the case, as Fairway can be used for pastures and hay crops as well as for lawns and parks. In fact, we have had reports from well known authorities this fall stating that Fairway strain gave decidedly better all round results than the standard strain in the northern section of the Great Plains area.

So satisfied are we that Crested Wheat Grass, Fairway Strain, possesses unusual merit that we have prepared a special pamphlet telling more about this wonderful grass than we have space for in this catalog. Write for Free Copy.

CRESTED WHEAT GRASS Standard Strain

Crested Wheat Grass is a native of the cold dry plains of Russia and Siberia. The fibrous root system of Crested Wheat Grass is more than twice as heavy as that of any other grass which accounts for its ability to endure long periods of drouth without permanent injury and to readily respond to small amounts of moisture. Crested Wheat Grass has a longer productive period than any other cultivated grass and grows at lower temperatures. It starts growth from 5 to 14 days earlier than Brome Grass or Slender Wheat Grass and continues to grow later in the fall.

Crested Wheat Grass makes a very palatable hay, is a good pasture grass, has been used successfully in the improvement of ranges and in reseeded abandoned plowed areas. About 10 to 15 pounds of seed per acre should be used when the grass is seeded with a grain drill or endgate seeder. This is the best method of planting for hay or pasture but if you plan to produce seed it is best to plant in rows and cultivate. When sowing for seed use

4 to 5 pounds per acre for double rows, 42 inches apart. Crested Wheat Grass may be sown just as soon as the ground thaws out. The hay in samples analyzed contained more protein than Brome or Slender Wheat Grass. We strongly recommend this grass.

WESTERN RYE GRASS or SLENDER WHEAT GRASS (*Agropyron tenerum*)

This is one grass which we never hesitate to recommend. Its hardy, drought resistant nature has made it a favorite, especially in the Great Plains region where moisture is rather limited as a rule. May be used for either pasture or hay.

WESTERN WHEAT GRASS (*Agropyron Smithii*)

A grass native to the Great Plains region where it will give good results with a small amount of moisture. Very hardy, makes excellent pasture, and the hay is relished by stock. Once established it should last for years, as it is acclimated to adverse conditions.

BROME GRASS (*Bromus inermis*)

Also known as Austrian Brome, Hungarian Brome, Russian Brome, and Awnless Brome. Grows to an average height of 30 inches. The leaves are medium large and the leaf growth is very abundant. The roots push through the ground like those of quack grass, hence they soon fill the soil. Because of this quality this grass can endure any amount of cold. It is also able to stand any amount of heat such as is experienced in the temperate zone. It comes up in the spring early and grows through much of the summer when a reasonable amount of moisture is present and continues to grow until severe frost. Essentially a pasture grass, but also makes good hay. Stock relish it and it will furnish pasture for a long period each year. Will grow and succeed in a greater variety of soils than almost any other grass.

It is high time for American farmers to give more attention to grasses.



Crested Wheat Grass

"DISCO" SELECTED GRASS SEED

REED CANARY GRASS (*Phalaris arundinacea*)



Reed Canary Grass

A HARDY PERENNIAL GRASS SUITABLE FOR HAY AND PASTURE

Boggy or marshy land can be transformed from a liability into an asset by seeding with Reed Canary Grass. One acre will pasture 3 to 4 cows and yields of 10 tons per acre are not unusual. Seed should be broadcast 5 to 6 pounds per acre, drilled 2 to 3 lbs. per acre in 16 to 18 inch rows. Can be sown early in the spring to give the seedlings a chance to get ahead of the weeds. It may be sown any time up to the end of October, or may be sown on the snow and left to settle with the weather.

TIMOTHY (*Phleum pratense*)

Almost too well known to necessitate any description. A hardy perennial, having strong resistance to both cold and drought. The seed being small, the ground should be well pulverized and the seed given just a light covering. Should not be cut too early or pastured too late in the fall. Timothy will produce from 1½ to 3 tons of hay per acre, and should be cut when just coming into flower.



FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE

HOUSES, MITCHELL, S. D.—EMMETSBURG, IOWA

MEADOW FESCUE or ENGLISH BLUE GRASS (*Festuca pratensis*)

A very useful grass for permanent pasture; makes excellent hay. Sow 15 pounds to the acre.

DOMESTIC RYE GRASS (*Lolium multiflorum*)

Well adapted for quick pastures, meadows and lawns. Can be closely cropped, and will give two and sometimes three good cuttings of hay in a season. Will thrive almost anywhere, but will give best results on moderately rich soil. Should be sown at the rate of 20 to 30 pounds per acre.

KENTUCKY BLUE GRASS (*Poa pratensis*)

Also known as "June Grass." Produces an excellent pasture of beautiful verdant green, and is particularly adapted for seeding on a pasture field surrounding the home, where a good sod is desirable. Sow from 30 to 40 pounds per acre.

RED TOP, Solid Seed (*Agrostis vulgaris*)

Also known as Herd's grass, grows most luxuriantly on moist, rich soils; very robust; produces strong, thick roots and makes a firm sod; very desirable for pasture purposes. Will succeed well on alkali land where other grasses fail. Sow 10 to 12 pounds of solid seed per acre.



Orchard Grass

ORCHARD GRASS or COCKSFOOT (*Dactylis glomerata*)

A very useful grass, sown alone or combined with other grasses for permanent pasture. One of the earliest grasses in the spring; unusually productive.

PERMANENT PASTURE and MEADOW MIXTURES

a.—For high and dry land. b.—For good, rich land, neither too wet nor too dry. Probably the most economical seeding for permanent pasture. We blend those most desirable grasses in proper proportions, to insure abundant pasture and maintain it for the longest possible time. Tell us your location and your soil conditions, we will gladly advise you. Estimate seeding, approximately 20 pounds per acre.

TIMOTHY and ALSIKE MIXTURE

The mixture we offer of these two desirable grasses is blended in such proportion as years of experience have shown to give the most desirable combinations.

TIMOTHY and MEDIUM RED CLOVER MIXED

This also makes a very useful mixture for temporary meadow, and gives a heavy crop of excellent hay of high feeding value.

HYBRID SEED CORN

VERSUS HIGH-BRED OR OPEN POLLINATED SEED CORN

FARMERS everywhere in the United States are becoming intensely interested in Hybrid Seed Corn. Questions that have been addressed to us from many sections of the country not only indicate considerable interest but also give evidence that some confusion exists in the minds of many as to what Hybrid Seed Corn really is.

For several generations types and varieties of Seed Corn were obtained by selection, and much excellent work was done resulting in not only producing strains that give higher yields but earlier types were developed which sent the corn belt farther north by leaps and bounds. Improvements were also accomplished in other physical directions. It was perfectly natural that growers who had devoted themselves to this task of improvement by selection should describe their product as High-bred, but with the revolutionary methods involved in the production of Hybrid Corn it seems desirable to give this explanation as there is no relationship between the so called High-bred, sometimes spelled Hy-bred, and Hybrid Corn.

A simple explanation of the history of Hybrid Corn may be interesting to many of our readers.

KNOW YOUR HYBRID CORN

By Joe L. Robinson and Don L. Helt

“The story behind the production of hybrid combinations which may be expected to give you more corn in your crib and more cash in your pocket is fascinating. It is a story of countless trial-and-error breeding experiments, years of study and research. It is a story about men who have made the production of the commercially superior seed corn their major work. To you, as a corn grower, the story is offered with every essential detail, in the hope of saving you money on each bushel of hybrid seed you buy and of making you money on every acre of hybrid corn you plant.

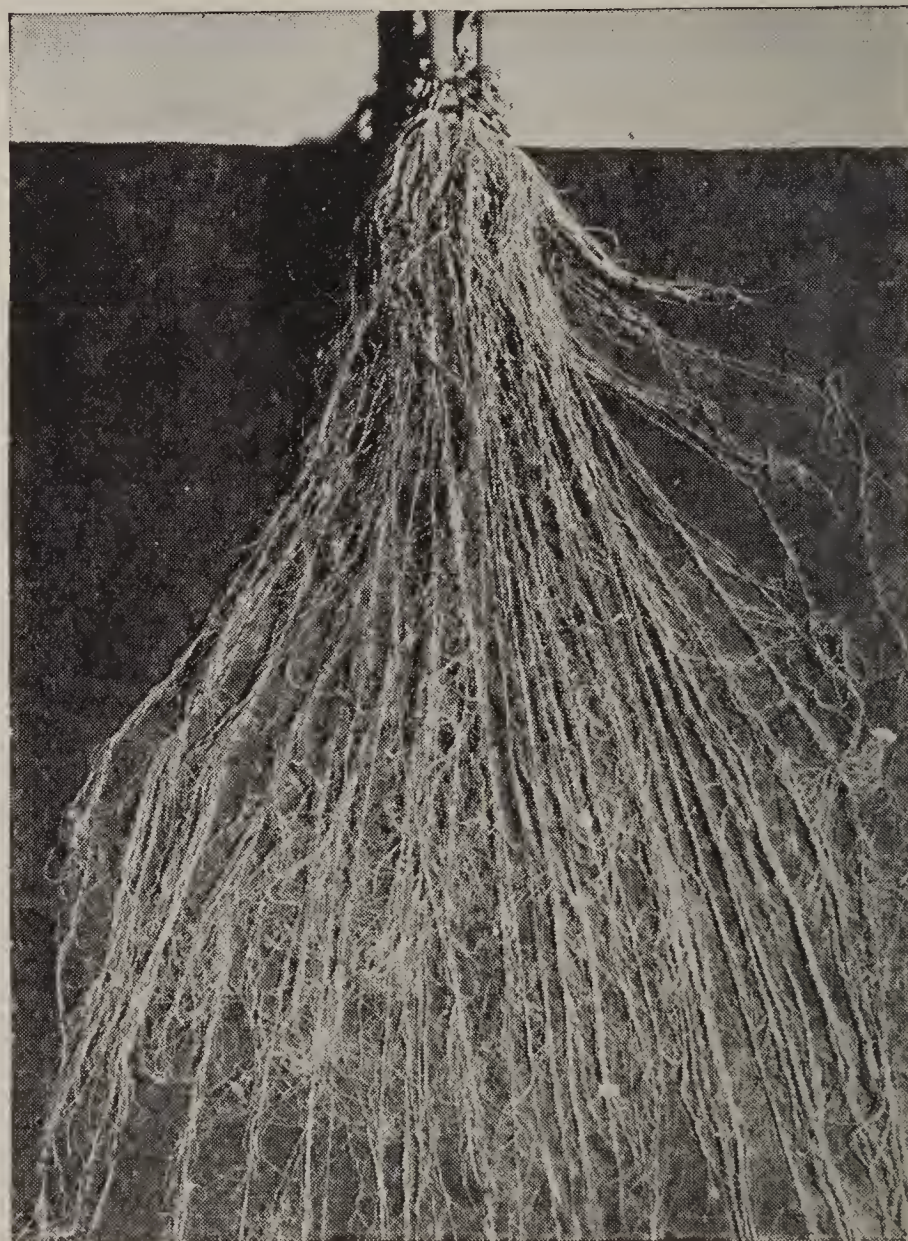
THE MYSTERY OF HYBRIDS EXPLAINED

“Hybrid Corn seed is produced from inbred or self-pollinated lines. Each inbred strain has been subjected to self-pollination for a period of at least 5 years, and usually much longer. Through this careful inbreeding a line of corn becomes uniform in certain characteristics and will breed true. When two such inbred strains are mated together a “single cross hybrid” is the result. When a single cross and another inbred strain are mated together a “three-way cross” is obtained. When two single-cross hybrids are mated a “double cross hybrid” involving four different strains results.

Most of the commercial hybrids offered on the market are either three-way or double crosses. When grown commercially the crossing is accomplished by planting the parent which is to furnish the pollen in every third, fourth, or fifth row throughout the field. The parent from which the seed ears are to be harvested is planted in the intervening rows. The tassels are removed from the ear-producing parents before they shed pollen in order to insure cross pollination.

BUY NEW HYBRID SEED FOR EVERY CROP GROWN

“Seed saved from a field where hybrid corn has been planted will not grow a crop equalling the original hybrid in yield. The yield will drop as much as 10 to 20 per cent. The original hybrid is the result of a cross between two definite parents. Seed harvested from a field where the original hybrid seed was planted is not necessarily the result of a definite cross. A certain proportion of inbreeding takes place. This inbreeding reduces the vigor of the plant and the resulting yield will be less.”



HYBRID CORN ROOT SYSTEM

One of the most interesting features of Hybrid Corn, and one which agricultural authorities believe contributes in no small measure to increased yields to the corn grower, is the unusually strong root system of Hybrid Corn. To convince yourself of the difference in comparison with open pollinated corn try to pull a Hybrid stalk out of the soil. Why, it just can't be done.

Disco

Hybrid Seed Corn



Our Mr. Richard Burn in company with other enthusiasts inspecting Hybrid Corn trials conducted by South Dakota State College with whom we cooperated.

Insures Increased Yields

IOWA HYBRID 931

The earliest Iowa station double cross in commercial production, made up of 4 inbred lines, best adapted for the second tier of Iowa counties, but has been used successfully in the northern two tiers.

When compared for seven years with the average of the open pollinated strains in the northern sections of the Iowa Corn Yield test, 931 yielded an average of 10.1 bushels to the acre more, and in every comparison had a stronger stalk. Has done very well in Minnehaha County, South Dakota, and we strongly recommend this variety for the southern and eastern counties of South Dakota.

IOWA HYBRID 939

This is one of the best adapted hybrids for tiers of counties two, three, and four, when numbered from the north or central Iowa. There is more Iowa Hybrid 939 grown in the United States than any other hybrid variety. Its wide range of adaptability enables it to be grown from coast to coast. It has extreme lodging resistance and yielding ability. The shanks are very short, and it is adapted to either hand or mechanical picking. The seed is especially resistant to cold, wet soil, and can be planted earlier than most hybrid corn. Unlike many hybrids the grain is not flinty and is therefore ideal for either feeding or cash sale purpose. We recommend this variety for the following three counties in South Dakota, Yankton, Clay and Union.



Our Mr. Lyons inspecting a field of Hybrid Corn, E 4 variety, grown 1½ miles north of Mitchell. This Hybrid Corn caused quite a sensation as it was the only corn to mature for miles around in this section. This grower also raised melons grown from our seed. It takes hardy northern grown seed to stand adverse conditions.

E 4

E 4 is our earliest Hybrid corn. In fact, it is one of the earliest hybrids on the market. It may be planted as late as the first week in June and still produce an excellent crop of corn. It has a five-year record in the Corn Yield Contest of yielding 14.7 per cent more corn than the average open pollinated varieties. It is not a large ear corn but will produce one to two medium sized ears per stalk and may be planted three to four kernels per hill. It stands up fairly well and is adapted to use in a mechanical picker. We strongly recommend this variety where an early corn is desired.

MINHYBRID 301 105 DAYS

This Hybrid Corn is a cross between the Early Minnesota 13 single cross E 11 X 14 and the late maturing inbred line from Reid's Yellow Dent which was obtained from Iowa. Minhybrid 301 is yellow in color, is as tall or taller than Murdock or Silver King. The ears are 14-18 rowed and are equal or longer than Silver King or Golden Jewel. The kernels are slightly smaller than Murdock, are deep and have a smooth dent. It matures about the same time as Golden Jewel, and Silver King. Is adapted to southern Minnesota and Wisconsin, northern Iowa, and the southeastern half of South Dakota. Is very strong in the stalk and due to its heavy root system withstands windstorms. Under good growing conditions yields upwards of 90 bushels per acre are very common. Well worth a trial.

HILLDROP KERNELS OF HYBRID CORN

We have a very good stock of Hilldrop Kernels of most varieties of our Hybrids and for those who have suitable planter plates to handle Hilldrop Kernels, we can quote very attractive prices. This presents a very favorable opportunity to try out Hybrid Corn at a very moderate price. Hilldrop Kernels will give just as good results as Edgedrop as the breeding is there just the same. Implement companies such as John Deere, International Harvester Company, etc., have manufactured plates to use for hill drop corn. See your nearest implement dealer and have him order the plates for you. We will be glad to mail you samples of Hybrid Corn so you can have plates made to suit.

The Best Varieties of Open Pollinated Corn Are Listed Here

DISCO ^{OPEN} POLLINATED SEED CORN

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE

DISCO SPECIAL

South Dakota's Best Known Variety

The best ninety day yellow dent on the market. Developed by us more particularly because of its **hardy nature**, while at the same time it gives a good ear with a very high shelling percentage. Ears will average 8 to 9 inches in length, girth 9 inches, from 16 to 18 rows, well carried out on butt and tip. Kernels unusually deep, ears well formed, cob very small. Has a very leafy growth and attains a height of from 7 to 8 feet, and usually yields from 40 to 60 bushels per acre.

GOLDEN KING

The wonder corn of northern Iowa. Through a period of years this variety has stood at the top in competitive yield tests. The average ears are 8 to 9 inches long, have 16 rows; kernels blocky with medium smooth dent. Small cob giving the ear a high shelling percentage. Medium early, usually maturing in 95 to 100 days under favorable conditions.

MINNESOTA 13 YELLOW DENT

Introduced by the Minnesota Agricultural College. The average ear is usually 7 to 9 inches long, medium depth kernels, averages 14 to 16 rows, 6 to 7 inches in circumference. This is one of the earliest Yellow Dent corns usually maturing in 90 days or less. You will find this an excellent corn for early hogging off purposes.

GOLDEN JEWEL, SOUTH DAKOTA'S FAVORITE

It is especially adapted to South Dakota and Iowa, producing a compact ear, 8 to 9 inches long, with deep wedge shaped kernels, rough and compact on a small cob. You will find this one of the best shelling and high producing corns. Shows a very vigorous growth and will mature in 95 to 100 days under normal conditions.

EARLY MURDOCK

Matures in 95 to 100 days. Stalks medium in height. Ears from 7 to 8 inches, having 16 to 20 rows. Kernels very deep, fairly broad, shells out heavily, of a light yellow color. We recommend it very highly for southern South Dakota, southern Minnesota, Wisconsin and northern Iowa.

WIMPLE'S YELLOW DENT

One of the later varieties of Yellow Dent corn. It usually matures in 100 to 110 days. Has large type ears with deep kernels and a small cob. If you are in the market for a large type corn we recommend this variety.

FULTON YELLOW DENT

A 90 day corn that was selected and named at Fulton, South Dakota. This variety is used by many of our customers around Mitchell who desire a medium early corn.

SILVER KING WHITE DENT

A very early White Dent corn that will mature in 90 to 95 days under normal conditions. Ears 8 to 9 inches long with 16 rows of deep grain kernels. It will stand up better than the yellow varieties in wet or dry conditions.

NORTHWESTERN RED DENT

This corn has been on the market for a number of years and has proven its popularity with a great many farmers. Is red in color with either a white or yellow cap. Will mature in 80 to 90 days and is an excellent corn for hogging off.

EARLY CALICO

Earlier than most large dent varieties. Is very popular as an early feeding variety and as a silage corn. Is a heavy yielder of both corn and fodder. Usually will do well on poor type soil where other corns fail.

FLINT VARIETIES

**SPECIALLY SUITED FOR LATE PLANTING.
SHOW GREAT RESISTANCE TO
GRASSHOPPERS**

RAINBOW FLINT CORN

Specially suited for late planting. Shows great resistance to grasshoppers and drouth. Every farmer should plant a few acres of Rainbow Flint corn every year just in case. Several of our farmer friends in this section report that if they had not planted a few acres of Rainbow Flint last spring they would not have had any corn in the fall. As it was, however, through their foresight in planting Rainbow Flint they had a pretty good corn crop, but if they had depended upon dent corn they would have raised nothing as the dry weather completely ruined the dent varieties. Rainbow Flint can be planted late and will give a good yield. It is excellent for hogging off and every farmer would be well advised to put in a few acres just as a safeguard against grasshoppers and drouth.

"Hogs on the Eric Beermann farm in Dakota county, Nebraska, get in a long season of harvesting their own grain. Mr. Beermann, with 140 spring pigs, planted 12 acres of Rainbow Flint corn early in May. It grows low, stools profusely on Beermann's rich Missouri River bottom land, and produces 10 to 12 ears to the hill. It is ready for hogs in August, four or five weeks ahead of dent corns. None has been husked to learn the yield, but Beermann believes he gets as much an acre as from his main crop corn."

—Capper's Farmer, December, 1938.

RED FLOUR

This variety while it is a flint corn does not have the hard flinty kernels which are objectionable in some of the flint varieties, on the contrary the kernels when cracked or crushed resemble the old fashioned blue flour corn, in fact are identical with the exception of color. Early, very prolific and an excellent variety for hogging off.

**Treat your SEED CORN before planting
NEW IMPROVED SEMESAN JR.**

Costs 1½c an Acre—Earns You Dollars!

4 oz. can	1 lb. can	5 lb. can	25 lb. pail
30c	75c	\$3.25	\$14.00

Postage extra.

Order with your Seed Corn and save postage.

One pound will treat 8 bushels of Seed Corn.

Soy Beans Make Excellent Feed and Build Up the Soil

DISCO SOY or SOJA BEANS

It has been proved the last few years that Soy Beans can be grown successfully anywhere that corn is grown and is an excellent substitute. The plant is very resistant to many plant diseases that other crops are menaced with each year. The last few years they have become so popular that the Iowa farmer considers them secondary to corn. Just recently there have been companies formed who are taking an interest in using beans for commercial purposes. At the present time there are being made around fifty different commercial items. Soy Beans are on the Chicago Board of Trade and will command a market the same as corn or any other grain.

In feeding value it is equal to alfalfa hay when fed as hay to cattle. The whole bean can be fed either cracked or uncracked to hogs and is a wonderful substitute for practically any of the grains.

HARVESTING

The soy bean crop should be cut when the pods are fully matured and the bean is in the hard-dough stage. For hay the bean should be mowed one month earlier while the leaves are still green and the bean is not fully formed. Do not store newly threshed beans in a deep bin unless they contain 12 per cent moisture or less as they will mold. It is best to spread them out thinly where they can be turned until the moisture evaporates before storing in a deep bin.

PLANTING

First prepare a firm seed bed with enough loose dirt to cover the bean. There should be enough moisture to start the bean growing promptly. Next use inoculation. This is one thing that should not be overlooked or you will be disappointed. By using inoculation you not only improve the soil, but you will also get a much larger yield of hay and beans. After this treatment drill the beans with a corn planter at the rate of 35 to 50 pounds per acre, 1 to 1½ inches deep. Give them a trial and you will be surprised at the results.

ILLINI

Pure line selection from A. K. variety produced by the Illinois Agricultural Experiment Station. Plants stout, erect, bushy, 36 inches high, maturing in about 105 days, flowers white; taking 55 to 65 days to bloom; pods 2 to 3 seeded; seeds, straw yellow with brown hilum; germ, yellow; oil, 18.6 per cent. About 2,750 to the pound. Yield 26.6 bushels per acre.

MANCHU

Plants stout, erect, bushy, 38 inches high, maturing in about 105 days, flowers both purple and white taking 55 to 65 days to bloom; pods 2 to 3 seeded; seeds straw yellow with brown hilum; germ, yellow; oil, 18.9 per cent. About 3,325 to the pound. Yield 22.3 bushels per acre.



Illini

MUKDEN

Plants stout, erect, bushy, 36 inches high maturing in about 100 days; flowers, white and purple taking 50 to 60 days to bloom; pods, 2 to 3 seeded; seeds straw yellow; oil is 18.9 per cent. Yield about the same as Manchu and Illini. Mukden with a shorter growing season has a distinct advantage over other varieties in northern Iowa and South Dakota.

FIELD or SHELL BEANS

Grow these for winter use. All our seed is northern grown, perfectly acclimated and will grow quickly and mature rapidly.

GREAT NORTHERN—Originally grown by the Indians, very hardy and early; much improved by selection, and we consider them the best quality white bean in cultivation.

SMALL WHITE NAVY—Grown so that their earliness is assured. Skin very thin and bean of excellent flavor.

FIELD PEAS

One of the best annual legume crops for the Northwest, as the cool temperature at night just seems to suit them, and they make their best growth under such conditions. If sown with oats they make excellent feed and are more easily harvested, and, if necessary, can be separated in cleaning.

CANADIAN FIELD—Grow to a height of four feet and will yield from 30 to 40 bushels per acre.

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE

HOUSES, MITCHELL, S. D.—EMMETSBURG, IOWA

Improved FORAGE and SOILING CROPS

FOR SPECIAL PRICES SEE COLORED SHEET OPPOSITE FRONT PAGE

SORGHUMS FOR FODDER



The above picture of a field of Waconia Sorghum Cane was sent to us by Mr. R. O. Swanson, County Agent of Charles Mix County, South Dakota. In writing about that field he says: "Last spring I secured some Waconia seed from your Company and it was planted on the third of June. I would like to have you see this seed. It is surely very wonderful and at the present time is all headed out and is about ready to harvest. I might say for your information that it is the talk of the country and it is the only crop that has really stood the extreme dry weather we have had the past six weeks."

WACONIA SORGHUM—This variety is considered the outstanding cane of all the sorghums for stock. It grows taller, yields more, and is by far the sweetest. It is considered the best for sorghum syrup. Our stock of seed is the pure Waconia and is the best quality we have had for years, so take no chances on substitutes. Drilled 10 to 12 pounds per acre.

NEW LOW PRUSSIC ACID CONTENT EARLY BLACK AMBER CANE NO. 39-30-S

This cane the result of many years of selection and breeding by Prof. Clifford Franzke, was introduced by the South Dakota Agricultural College, Brookings, for the purpose of cutting down as far as possible the large death toll of livestock killed every year due to eating cane which contained a large per cent of prussic acid. That this object was accomplished is evidenced by the numerous good reports we have received telling us that this cane was pastured last year with no bad effect on the livestock. In the first place, the growth of this cane is very even, all the stalks growing to the same height. The stock relish the stalk just as well as the leaves and eat it all, and last but not least, none of the farmers whom we interviewed lost any stock due to feeding this cane. As one farmer puts it, this is going to be the coming feed as far as cane is concerned when farmers get wise to it. Our stock is certified, being obtained direct from seed which was raised under the supervision of the Agricultural College, Brookings, South Dakota. Drilled 10 to 12 pounds per acre.

EARLY BLACK AND RED AMBER—The Ambers are the earliest of all the fodder canes. Will stand extremely dry, hot weather. Considered excellent for feeding stock. Sow 40 to 60 pounds broadcast; 10 to 12 pounds drilled per acre.

HONEY DRIP—Very similar to Colman Sorghum and Red Amber, with stouter, more erect stem and usually a higher sugar content. In great favor in many districts of South Dakota and Iowa. We have an excellent stock of high germinating seed, the quantity, however, is limited.

SORGHUMS FOR GRAIN

SOONER MILO—The most highly recommended of all the grain sorghums for grain purposes. Grows about 4 feet tall and will produce as much as 50 bushels of grain per acre. The grain will practically equal corn as feed. The plant will stand dry weather much better than any type of corn. Extensive trials supervised by the South Dakota Agricultural College and by county agents throughout the state list Sooner Milo as one of the most promising grain sorghums on the market today. Try this excellent grain producer. You will not be disappointed.

ATLAS SORGO—Atlas Sorgo is a cross between Blackhull Kaffir and Sourless Cane, and like most hybrids it combines not only the characteristics of the two parents but other improved traits of its own. It gives a tremendous yield per acre not only in forage but in grain as well. The grain has approximately 90 per cent of the feeding value of corn. Being a variety of Sorghum it should not be planted until the ground is thoroughly warm and should not be covered too deeply. The usual quantity sown per acre is 5 to 10 pounds.

KAFFIR CORN—Stalks grow from 5 to 6 feet tall, are very leafy, make excellent feed for all live stock. When cut for seed it will yield as much as 35 to 50 bushels per acre. Drill 8 to 12 pounds per acre.

FETERITA—One of the outstanding grain sorghums. Early and very drouth resistant, grows 5 to 6 feet tall and has abundance of leaves which make excellent fodder. The grain is ideal for all live stock. Drill 8 to 12 pounds to the acre.

GROHOMA—Produces an extra heavy thick leafy stalk, 4 to 5 feet tall. When growing it looks very much like corn. Later than any of the other varieties and produces a big yield of fodder. The grain makes fine feed for all live stock.

SUDAN GRASS

Do not attempt to sow Sudan grass too early. It will not withstand frost. Leave seeding until after corn planting. Sudan is the ideal catch crop for hay. Will make a summer pasture within thirty days; its best growth being secured in hot, dry weather. Produces at least two cuttings of hay the same year—maybe three. It yields three to five tons of palatable, nutritious hay per acre. Broadcast 20 to 25 pounds. Drilled, 15 to 20 pounds per acre. Twenty acres will make more pasture during the hot summer months than 640 acres of native grass. See U. S. Government Bulletin.

IMPORTANT

It is an acknowledged fact that in the Northwest forage crops have established themselves as a primary factor in successful farming, especially so if there any milch cows or beef cattle to be fed. Where can you get any other class of feed which will produce the vast yields per acre that forage crops can and will produce?

Just a word of warning. Care will have to be taken not to sow any fodder crop seed before the ground is warmed up. Corn planting time or a little later is generally conceded to be about the proper time.

Disco Millets

All millets require a rich, mellow soil, as the roots penetrate only a few inches under the surface, and they should have a rather heavy clay loam that will hold moisture close to the surface.

Use any of the millets as a catch crop after early maturing small grain crops. We suggest that you double disk and drill in your seed in the dry districts. We advise sowing millet any time after the soil is warm until the first of August.

VORONEZH "BLACK PROSO MILLET"—Voronezh (Black Proso) Millet originated from the province Voronezh in Russia. It was from there that Mr. M. A. Carleton of the U. S. Department of Agriculture received a quantity of this Millet, and for that reason gave it the name Voronezh.

Voronezh Millet should be sown at the same time as other Proso Millets, care being taken not to plant too early in the Spring. It is very drought resistant and grows from 36 to 54 inches tall. The seed grows pretty well to the top in the same manner as Early Fortune Millet does.

Voronezh Millet is used mainly for human food in Russia as the seed is not so hard and flinty as other Proso Millets. Growers of Voronezh Millet in this country report that the seed makes better feed for livestock than other Proso Millets due to the fact that it grinds up more floury due to its nonflinty characteristics.

Another point in its favor is that when the seed crop is ripe the stalks and leaves are still green, thus assuring the grower that not only will he get a seed crop but that the straw after being threshed will afford him a plentiful supply of good feed, feed which in every sense of the word will be equal to well cured prairie hay. Cattle and hogs relish and do well on Voronezh Millet.

We can offer only a limited supply of Voronezh Millet seed this Spring, so we suggest that you get your orders in early.

GERMAN MILLET—The most popular millet on the market, has great stooling habits, and is very leafy and bushy, grows 3 to 4 feet high, one of the best millets for hay, and should be cut when in full bloom. Will make a crop in two months. Protect your hay requirements this year by putting in an adequate acreage of German millet. Sow 25 pounds per acre.

HUNGARIAN MILLET—This variety is highly regarded for hay purposes, and is one of the heaviest yielders of all millets, is drouth resistant, and will do its best in cool northern climates, is considered equal to any millet in feed value, grows 4 to 5 feet tall. Convince yourself by giving it a trial. Sow broadcast 30 pounds to the acre.

SIBERIAN MILLET—A very fine millet. Unusually early, extremely hardy and withstands drouth. The plant shows remarkable stooling habits, and is a good producer. Sow 30 pounds to the acre.

JAPANESE—Justly called **Billion Dollar grass**. Will grow from 6 to 9 feet tall. Stands up remarkably well and yields enormous crops. The hay is tender and highly relished, and in nutritive value exceeds most canes and millets. Excellent for working horses. Sow 20 pounds to the acre.

HOG or BROOM CORN WHITE PROSO—Grows from 18 inches to 36 inches. Yields an unusually heavy crop of seed from 60 to 70 bushels per acre. The seed will mature and be ready to harvest about two months after the date of seeding. For hay purposes use from 30 to 40 pounds, and for seed from 8 to 12 pounds per acre.

EARLY FORTUNE RED PROSO—Is the same type as white proso except that the color of the seed is red. Sow the same amounts as proso millet.

WRITE FOR SPECIAL BULLETIN ON JAPANESE MILLET—FREE

Dwarf Essex Rape

The Finest Investment in Agriculture

It is considered a valuable feed crop for young stock, as rape contains the necessary elements which will give them proper growth. It is so reasonable in price that the money you invest in the price of the seed will be paid back many times. All sheep raisers know its value and they would not undertake to raise sheep without an adequate acreage of rape. It is also relished very much by cattle and hogs. Calves and young pigs show a marked increase in weight and growth when pastured on rape. Sow from April to August, 6 to 7 pounds per acre.

DISCO IMPROVED SEED GRAINS

If you are in the market for new strains of Seed Grain, it will pay you to write us, as we are in close touch with some of the best growers of wheat, oats, barley, rye, speltz, flax, buckwheat, sunflower, etc. All seed grains put out by us are thoroughly recleaned and free of any noxious weeds.

THATCHER WHEAT Beardless, Rust Resistant

No Wheat in recent years has been acclaimed with so much enthusiasm as Thatcher. Its rust resistant qualities have proven it to be in a class by itself anywhere. Last year in competitive tests it out-yielded Marquis, Ceres, Burbank, and Durum varieties by as much as 50 per cent, and in the sections where rust damaged the Wheat Crop, Thatcher in a number of cases was the only Wheat which stood up under the ravages of rust and returned a good yield. Thatcher has a strong straw, slightly shorter than Marquis, and is a few days earlier maturing. Our stocks are genuine, so you can be assured when you place your order with us that you will get a proper start in this Wonder Wheat.

SPELTZ

A grain that will do well on most any kind of soil, or climatic conditions. High in food value and an excellent feed for hogs, you will be able to raise this where wheat will fail. Give it a trial.

BISON FLAX

This is considered the outstanding flax on the market today because it is very wilt resistant, and is a heavy yielder. Plan now to put in a few acres. Do not wait till all other crops fail and it is too late.

RED WING FLAX

This variety was developed by the Minnesota Experimental Station and like Bison Flax it is wilt and rust resistant, and has proven itself to be a good yielder all through the Northwest. Well worth a trial.

It Pays to Treat Your Seed

PREVENT LOSSES BY USING SEED DISINFECTANTS



Can be sent by mail, postage extra.

NEW IMPROVED CERESAN—A new low cost grain disinfectant. Costs only 1 7/8 to 2 1/3 cents per bushel. Frequently improves the stand and yield of grain 1 to 5 bushels per acre. Easily and quickly applied by 3 turnings with a shovel. Seed should be treated 24 hours before planting. One pound treats 32 bushels of wheat, oats, or barley. 1 lb. can, 70c; 5 lb. can, \$3.00; 25 lb. pail, \$12.75.

2% CERESAN—A Dust Disinfectant to control smut for Cotton, Flax, Millets, Peas, Sorghums, and Narcissus. 2 ounces treats 1 bushel. 1-lb. tin, 70c; 5-lb. tin, \$3.00; 25-lb. pail, \$12.75.

SEMESAN BEL—An instantaneous dip disinfectant for seed potatoes. 4 oz. can, 45c; 1 lb. can, \$1.50; 5 lb. can, \$6.75; 25 lb. pail, \$31.00; 100 lb. drum, \$116.05; 300 lb. drum, \$318.35.

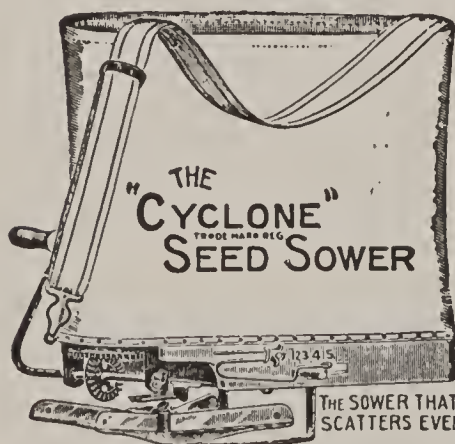
NEW IMPROVED SEMESAN JR.—A dust disinfectant for seed corn. 2 oz. pkt., 15c; 4 oz. can, 30c; 1 lb. can, 75c; 5 lb. can, \$3.25; 25 lb. pail, \$14.00; 100 lb. drum, \$52.35.

SEMESAN—A general disinfectant for vegetable and flower seeds or bulbs, and certain plant diseases. 1/3 oz. pkt., 10c; 2 oz. can, 35c; 1 lb. can, \$2.25; 5 lb. can, \$9.90; 25 lb. pail, \$45.50.



New Improved Semesan Jr. increased the yield of field corn 21.3 bushels per acre over the untreated seed planted in the same field.

FARM ACCESSORIES



CYCLONE SEEDER—The Cyclone has a national reputation as a high grade seed sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly both sides and may be quickly adjusted for different seeds. Just the thing for sowing all kinds of clover and grass seed, millet, rape and even grain. Price reduced \$2.25, by mail, \$2.75.

Use STIM-U-PLANT to Feed Your Plants

These tablets are the latest word in gardening efficiency. Easy to use, immediate results. Order STIM-U-PLANT tablets with your seed and plant order. 10 tablets, 10c; 30 tablets, 25c; 100 tablets, 75c; 500 tablets, \$2.50; 1,000 tablets, \$3.50, postpaid.



McQUEEN'S SUPERIOR MULTIPLE-STRAIN GUARANTEED INOCULANT

Specify size of unit and name of seed.

Alfalfa, all Clovers

Size	Retail
1/2 bu. ea.	.....\$ .30
1 bu. ea.	..... .50
2 1/2 bu. ea.	..... 1.00

Vetch, Austrian Winter Peas, Field and Garden Peas

1 bu. ea.	.....\$ .30
*1 2/3 bu. ea.	..... .50
2 bu. ea.	..... .50
5 bu. ea.	..... 1.00

*Packed only for
Vetch & Aust. Peas

Soy Beans, Cow Peas, Lespedeza, Garden Beans Peanuts and Lima Beans

Size	Retail
1 bu. ea.	.....\$ .30
2 bu. ea.	..... .50
5 bu. ea.	..... 1.00
*10 bu. ea.	..... 1.60
*20 bu. ea.	..... 2.40

*10 and 20 bu. sizes
Packed only for
Soy Beans

GARDEN PACKET—Inoculates up to 5 lbs. of seed. For Peas, Beans, Sweet Peas, Lima Beans, Lupines.

Garden Packet, 10c; Market Size, 25c

McQUEEN'S

A Pioneer in 1908—A Leader in 1939

Today second to none on any meritorious point of comparison. That's why McQueen's is bought with entire confidence by many thousands of users everywhere. It is your assurance of complete satisfaction.

The Original Legume Inoculator

NOBBE-HILTNER PROCESS

NITRAGIN

TRADE MARK REG'D. DEC. 6, 1898 NO. 32212

Restores and Maintains Soil Fertility

(See page 20)

ATLACIDE CHLORATE WEED KILLER

Kills Creeping Jenny

Works under ground, penetrates and kills roots of Creeping Jenny and other Noxious weeds. This preparation can be applied any time after the plant is in full bloom until freezing time. Best results are obtained when used as a spray. Dissolve 1 to 2 1/2 pounds of Atlacide to each gallon of water. The cost of Atlacide treatments range from 7 to 12 cents per each 100 square feet. This is a proven product that is used by many of the large railroad companies. Price, 15 lbs., \$2.70. Postage extra. Write for prices on larger quantities.

BUY YOUR BIRD SEED IN BULK

Anyone who raises canaries or even has only one singer will do well to look over the following prices on Bird Seed. All our seed is strictly fresh, recleaned and free from dust and is superior in every way to packet bird seed.

	1 Lb.	3 Lbs.	5 Lbs.
Finest Recleaned Bird Mixture	.....20c	55c	90c
Finest Recleaned Hemp	.....20c	55c	90c
Finest Recleaned Canary	.....20c	55c	90c
Finest Recleaned Bird Rape	.....20c	55c	90c
Finest Recleaned Millet	.....20c	55c	90c
Finest Recleaned Parrot Food	.....20c	55c	90c

Send for this Booklet
"GROWING ALFALFA
SUCCESSFULLY"

IT'S FREE

For Customers Who Prefer Not to Pay for Pedigreed
Alfalfas We Provide These Common Varieties of

HARDY DOMESTIC GROWN COMMON ALFALFA

We have excellent stocks of seed grown in South Dakota, Nebraska, Montana, and Wyoming. All grown under the severest possible climatic conditions. Grown on new land free from noxious weeds and free from disease.

The DAKOTA IMPROVED SEED COMPANY

No.



A Good Name Well Known

For 32 years has signified the best in seeds.
Grow Well Because They Are Well Grown.

To insure prompt attention address the firm, not individuals. Use order sheet at end of catalog.

CURRENT PRICE LIST FOR EARLY ORDERS

quantities. We recommend early ordering. If no Agent at your station, add sufficient to prepay freight or express. If you remit too much, surplus will be promptly refunded. If required by parcel post, your Postmaster will tell in what zone from Mitchell you are located so that you may include correct postage with your remittance.

Should prices have changed when your order is received, if lower, we will refund balance, if higher, we will either reduce your order to the amount remitted, or ship C. O. D. for the balance, as you prefer.

Current Prices, January 20th, F. O. B. Mitchell, So. Dak. No Trucking Charge.

OUR BRANDS

DISCO BRAND. Seed to qualify for this Brand must represent the cream of the crop, free from noxious weeds and of exceptionally high purity and germination.

EMERALD BRAND. Good quality seed fully equal to much of the so called number one seed.

SUNSHINE BRAND. Good general purpose seed, free from harmful or noxious weeds, good germination.

LOWER GRADES. We have many lots lower grade than those offered in this catalog. If interested ask for special prices and samples, stating quantities required.

ALL BAGS FREE.

CLOVERS—60 lbs. per bu. Catalog page 19

	100 lbs.	50 lbs.		100 lbs.	50 lbs.
Sweet Hulled and Scarified			Sweet Clover Continued		
Tall White Blossom, Pilot.....	\$ 5.50	\$ 3.00	Grundy County, Disco	8.00	4.25
Sunshine	7.00	3.75	Hubam Annual, Disco	11.00	6.00
Emerald	7.50	4.00	Medium Red, Disco	22.00	11.50
Disco	8.00	4.25	Mammoth Red, Disco	22.00	11.50
Yellow Blossom, Disco	8.00	4.25	Alsike, Disco	19.00	10.00
White Dutch, Disco.	See inside back cover for prices.				

BUILD UP YOUR WORN OUT SOIL BY PLANTING SWEET CLOVER

ALFALFA—60 lbs. per bu. Catalog page 21

ALL OUR REGULAR BRANDS OF ALFALEAS ARE SHIPPED OUT IN SEALED BAGS AND ORIGIN SUPPORTED BY U. S. VERIFIED ORIGIN CERTIFICATE. LOOK FOR THIS SEAL AND CERTIFICATE WHICH INSURES GENUINENESS

	100 lbs.	50 lbs.		100 lbs.	50 lbs.
Grimm, Affid, Sunshine	\$27.50	\$14.25	Dak. 12, Type Neb. or Wyo.		
" " Emerald	28.50	14.75	Sunshine	27.00	14.00
" " Disco	29.50	15.25	Emerald	28.00	14.50
Baltic, Disco	29.50	15.25	Disco	29.00	15.00
Cossack, Affid, Sunshine	28.50	14.75	Registered State Sealed	Bu.	100 lbs.
" " Emerald	29.50	15.25	Ladak, Yellow Tag	Write for prices	
" " Disco	30.50	15.75	" Red Tag	21.60	36.00
Hardistan, Disco	32.50	16.75	" Blue Tag	22.20	37.00
Wyoming Common, Disco	28.50	14.75	Grimm, Red Tag	20.40	34.00
Nebraska Common, Disco	28.50	14.75	" Blue Tag	21.00	35.00
Disco No. 28, Disco	30.00	15.50	Cossack, Red Tag	21.00	35.00
			" Blue Tag	21.60	36.00

ALFALFA SEED IS VERY SCARCE THIS YEAR. ORDER EARLY.

DISCO SELECTED GRASS SEEDS. Catalog Pages 22 and 23

	100 lbs.	50 lbs.		100 lbs.	50 lbs.
Timothy, Emerald	\$ 4.50	\$ 2.50	Reed Canary Grass, Emerald....	32.00	16.50
" Disco	4.75	2.60	" " Disco	34.00	17.50
Awnless Brome, Emerald	15.50	8.25	Domestic Rye Grass, Disco	8.00	4.25
" " Disco	17.50	9.25	Slender Wheat Grass, Disco....	15.00	8.00
Meadow Fescue, Disco	11.00	6.00	Crested Wheat Grass, Stnd. Disco	20.00	10.50
Red Top (solid seed) Disco	14.00	7.50	Crested Wheat Fairway, Disco..	20.00	10.50
Orchard Grass, Disco	20.00	10.50	Crested Wheat Fairway, Certified	21.00	11.00
			Western Wheat Grass, Disco....	12.50	6.75

DISCO SELECTED MIXTURES

	100 lbs.	50 lbs.		100 lbs.	50 lbs.
Disco Permanent Pasture			Timothy and 25% Alsike	8.00	4.25
Mixtures—Upland	14.75	7.85	Timothy and 25% Red Clover...	9.00	4.75
Lowland	14.75	7.85			

U. S. Department of Agriculture recommends pasture mixtures to replace acreage withdrawn under the soil conservation program.

When comparing prices don't forget quality; if in doubt, don't hesitate to send for sample and if you give us a memo of your requirements we will not only send you samples, but will quote you special freight paid prices and we are confident that if you judge quality with price, your order will come to us.

The Dakota Improved Seed Company gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds it sells and will not be responsible for the crop.

DAKOTA IMPROVED SEED COMPANY, MITCHELL, S. DAK.

(Read the Other Side)

CURRENT PRICE LIST FOR EARLY ORDERS—Subject to Prior Sale and Market Change.
Read Other Side Before Ordering.
Current Prices, January 20th, F. O. B. Mitchell, So. Dak. No Trucking Charge.

CORN—Catalog pages 24, 25 and 26

	Bu.		½ bu.	1 bu.
Hybrid Iowa 931, Edge Drop	\$ 5.50	Minnesota No. 13 .....	.80	1.50
“ “ 931, Small Edge Drop ...	5.25	Golden King .....	.80	1.50
“ “ 931, Hill Drop	4.50	Silver King White Dent .....	.80	1.50
“ “ 939, Edge Drop	5.50	Early Calico Colored Dent .....	.90	1.75
“ “ 939, Hill Drop	4.50	Fulton Yellow Dent .....	.80	1.50
Minhybrid 301, Edge Drop	7.00	Golden Jewel .....	.80	1.50
Hybrid E 4, Edge Drop	6.00	Wimples .....	.80	1.50
Hybrid E 4, Hill Drop	4.50	Silo Tall Growing .....	.80	1.50
	½ bu. 1 bu.	Northwestern Red Dent .....	.80	1.50
Disco Special	\$.80 \$ 1.50	Rainbow Flint .....	.90	1.75
Early Murdock .....	.80 1.50	Red Flour Flint .....	.90	1.75

DISCO SELECTED SEED BEANS & PEAS—Catalog Page 27					
Soy or Sojo—60 lbs. per bu.	100 lbs.	50 lbs.	Field or Shell—60 lb. per bu.	100 lbs.	50 lbs.
Manchu, Disco	\$ 2.25	\$ 1.35	Navy, Disco	6.00	3.25
Illini, Disco	2.25	1.35	Great Northern, Disco	5.00	2.75
Mukden, Disco	2.25	1.35	Peas, Canada Field, Disco	6.50	3.50

DISCO FORAGE and SOILING CROPS—Catalog Page 28					
	100 lbs.	50 lbs.		100 lbs.	50 lbs.
Sudan Grass, Emerald	\$ 3.75	\$ 2.10			
“ “ Disco	4.00	2.25	Honey Drip Cane, Disco	2.75	1.60
Waconia Sorghum Cane, Disco..	3.00	1.75	Kaffir Corn,, Disco	2.50	1.50
New Low Prussic Acid Content Certified			Feterita, Disco	2.00	1.25
Black Cane No. 39-30-S.....	5.00	2.75	Grohoma, Disco	2.75	1.60
Black Amber Cane, Disco			Sooner Milo, Disco	2.25	1.35
So. Dak. Grown	2.25	1.35	Early Kalo	3.00	1.75
Southern Grown	2.75	1.60	Atlas Sorgo, Affidavit	2.75	1.60
Red Amber Cane, Disco			“ “ Ceritfied	4.00	2.25
Southern Grown	2.75	1.60			

PLANT FORAGE CROPS FOR LOTS OF FEED
Sooner Milo produces lots of first class Cattle, Hog and Poultry feed.

DISCO SELECTED MILLETS—Catalog page 29					
	100 lbs.	50 lbs.		100 lbs.	50 lbs.
Voronezh Black Proso Millet....	\$ 4.00	\$ 2.25	Siberian, Disco	2.00	1.25
German, Disco	2.50	1.50	Billion Dollar Grass, Disco.....	3.50	2.00
Hungarian, Disco	2.25	1.35	White Proso, Disco	2.50	1.50
			Early Fortune, Red Proso, Disco	2.00	1.25

MISCELLANEOUS SEED GRAINS, ETC.—Catalog Page 29					
	100 lbs.	50 lbs.			
Rape, Dwarf Essex, Imported...	8.00	4.25	SPRING WHEAT—		
Sunflower, Disco	7.50	4.00	Thatcher	Ask for prices	
Buckwheat—			Ceres	Ask for prices	
Japanese, Disco	Ask for prices		Reward	Ask for prices	
Silver Hull, Disco	Ask for prices		Marquis	Ask for prices	
Speltz, Disco	2.00	1.25	SPRING RYE	Ask for prices	
BARLEY—Odessa	Ask for prices		FAIL RYE	Ask for prices	
“ Velvet	Ask for prices		OATS—Richland or Iowa 105..	Ask for prices	
FLAX—Bison and Redwing....	Ask for prices		Gopher	Ask for prices	

INOCULATE WITH NITRAGIN
Remember Disco Seeds have over thirty-two year's record of satisfied users.

ONE-THIRD CASH DEPOSIT

Protect your requirements now while the best stocks are available, and while current prices are in force. Recognizing the possibility of some of our prospective customers being short of cash, in view of crop failure, we are prepared to hold orders in reserve, free of storage, interest and fire insurance, and protected against advances in prices, on payment of a cash deposit of one third the total value of order, including bags, selected from catalog. The basis of price to be the current values on the date order and deposit are received. This offer will apply and be effective on all orders received on or before March 1st, 1939, on the understanding that the balance is paid in full not later than April 1st, or if shipment is desired before that date full payment to be made when shipping instructions are given.

State Sales Tax of 3% (three cents on each dollar) must be paid on all orders for all Seeds and Merchandise by residents in the State of South Dakota.
Order now while stocks are available.
DAKOTA IMPROVED SEED COMPANY, Mitchell, S. Dak.
(Read the Other Side)

"A Thing of Beauty Is a Joy Forever!" Plant a New Lawn

"Disco" Evergreen Lawn Grass



IMPORTANT

We pride ourselves on our knowledge of the various grass seeds which are suitable for lawns in the different sections of the country. Please write to us, advising the type of soil you have. Tell us what exposure the lawn will have, and whether or not you have facilities for watering the lawn. Then tell us the dimensions of your lawn, and we will quote you a delivered price on the mixture which will give you the best results, and tell you how much seed will be required.

You Can Be Sure of a Good Lawn if You Plant Disco Grass Seed and Follow Our Instructions in Preparation and Planting

The making of a beautiful lawn lies largely in the thorough preparation of the soil before the seed is sown. The soil should be thoroughly harrowed and raked to as fine a condition as possible, as well as to level it. Sow the seed as early in the spring as convenient—the earlier, the better—or, better still, in the fall. Recent careful experiments we have made convince us of the many advantages of fall seeding, and after the seed has been sown it should be raked lightly, then thoroughly rolled.

No one kind of grass will make a lawn that will keep beautifully green throughout the entire season, but a mixture of several is essential. Our "Disco Evergreen Mixture" is one of the most satisfactory mixtures, unsurpassed by any general lawn mixture on the market. Established lawns can best be kept up by regular sowings throughout the spring and summer.

DISCO EVERGREEN MIXTURE

Long experience in the preparation of Lawn Mixtures has resulted in this now famous blend. Disco Evergreen represents the very finest scientific combinations of dwarf and close growing grasses, producing a soft, velvety turf in remarkably short time. Made up entirely from our own exclusive formula, blended in proportions we know to be just right for our rigorous climatic conditions. Sow at the rate of 1 pound per 250 square feet. $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 3 lbs., 85c; 5 lbs., \$1.40, postpaid. Special prices for larger quantities.

SHADY NOOK GRASS

This mixture is composed entirely of grasses that grow under trees and in more or less dense shade. The best mixture obtainable for shady places. Sow at the rate of 1 pound per 250 square feet. $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 3 lbs., \$1.05; 5 lbs., \$1.70, postpaid.

WHITE DUTCH CLOVER

A dwarf-growing clover. Very valuable for lawn purposes. Requires little care and maintains its dark green color with very little watering. Your White Dutch must be pure—cheap, impure seed will spoil your lawn. $\frac{1}{2}$ lb., 35c; 1 lb., 60c; 3 lbs., \$1.75; 5 lbs., \$2.85, postpaid. Special Prices for Larger Quantities

GENUINE SEASIDE CREEPING BENT

Has many outstanding qualifications which favor it above all other varieties. Forms sod very quickly, spreads rapidly. Fine leaves, bright green color is especially well maintained during hot weather. Sow at the rate of 1 pound per 250 square feet. $\frac{1}{2}$ lb., 60c; 1 lb., \$1.20; 3 lbs., \$3.30; 5 lbs., \$5.10, postpaid. Special prices for larger quantities.

KENTUCKY BLUE GRASS

FANCY CLEAN

Also known as June Grass, a valuable variety for lawns when mixed with other grasses, and especially valuable as a lawn grass. Sow at the rate of 1 pound per 250 square feet. $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 3 lbs., 85c; 5 lbs., \$1.40, postpaid.

Special Prices for Larger Quantities

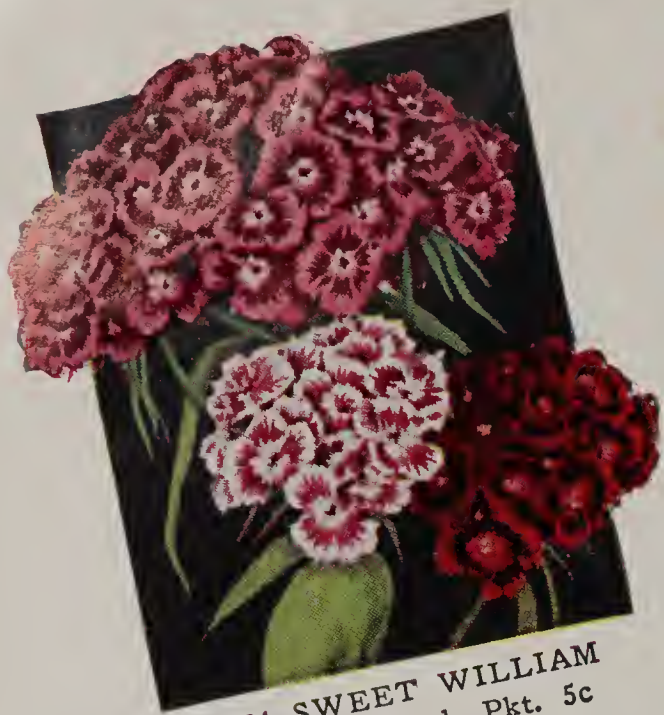
CRESTED WHEAT GRASS (Fairway Strain)

Developed by the Saskatchewan Experiment Station, Saskatoon, Canada. The ideal grass for lawns, golf courses, etc., in arid regions. Once established it can withstand the rigors of winter or the heat of summer, makes a thick, dense growth, and requires very little watering. We highly recommend this grass. Sow at the rate of 1 pound per 250 square feet. $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 3 lbs., 85c; 5 lbs., \$1.40, postpaid.

VIGORO



For the lawn and all-around purposes Vigoro is the finest odorless fertilizer and plant food obtainable. It is easy to apply, and furnishes to plant life all of the different elements necessary for normal, healthy growth. In making a new lawn apply 4 pounds of Vigoro per hundred square feet, mixing it thoroughly with the top soil. Apply Vigoro evenly. In early spring before the grass starts to turn green apply 4 pounds per 100 square feet with the Vigoro spreader. If this is applied before growth is started, it will not be necessary to water it in. Price, 1 lb., 10c; 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00. Postage or express extra.



2984 SWEET WILLIAM
Double Mixed. Pkt. 5c
See page 18



2576 COREOPSIS
Lanceolata Grandiflora. Pkt. 5c
See page 16



3037 TRITOMA
Flowering Hybrids. Pkt. 10c
See page 18



2524 AQUILEGIA
Long Spurred Hybrids. Pkt. 10c
See page 15



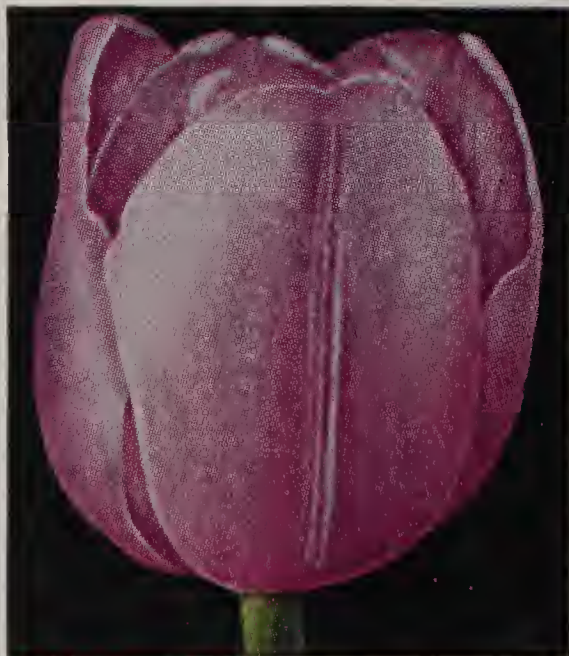
2962 SHASTA DAISY
Pkt. 10c
See page 18



2650 DELPHINIUM
Wrexham Type. Pkt. 5c
See page 16

Perennial Collection

The above six different varieties of Perennials are all easy to grow and should be in every garden. Once established they will give a profusion of bloom for years to come. One packet of each (6 Pkts. in all) for only 35c.



TULIP BULBS *Absolutely Free!*

Look on page 2 of catalog and see how easy it is to get absolutely free a quantity of Tulip Bulbs which will give flowers as beautiful as these.

DAKOTA IMPROVED SEED COMPANY
EMMETSBURG, IOWA